

Converting Colors

XYZ(67.2549, 78.3306, 92.5163)

Have a look what the booklet for
XYZ(67.2549, 78.3306, 92.5163)
contains.

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Color

**XYZ(67.2424, 78.2693,
92.4524)**

Conversions

Conversions Part 1

Format	Color
Hex	BEEEEE
RGB	190, 238, 238
RGB Percent	75%, 93%, 93%
CMY	0.2549, 0.0666, 0.0667
CMYK	0.20, 0.00, 0.00, 0.07
HSL	180°, 59%, 84%
HSV	180°, 20%, 93%
XYZ	67.2424, 78.2693, 92.4524
YIQ	223.6480, -28.6080, -10.1760

Conversions

Conversions Part 2

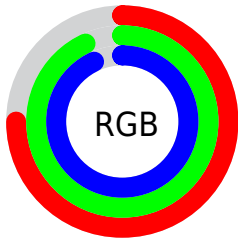
Format	Color
RYB	190, 214, 238
Decimal	12513006
CIELab	90.90, -15.26, -5.07
CIELCh	91, 16.083, 198.381
Yxy	78.2693, 0.2826, 0.3289
Android (android.graphics.Color)	4290703086 (0xFFBEEEEE)
YUV	223.6480, 7.0755, -29.5093
Hunter-Lab	88.4699, -19.1518, -0.0300

Details

The XYZ color **67.2424, 78.2693, 92.4524** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.9704, 58.7240, 56.7345**, and the grayscale version is **70.5680, 74.2430, 80.8506**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **35.3248, 42.0675, 50.5140** is the 20% darker color. If you saturate the color by 10%, you get **61.7769, 75.4538, 92.1971**, and if you desaturate by 10%, it is **73.6832, 81.5916, 92.7567**.

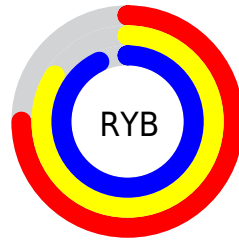
Distribution



Red (75%)

Green (93%)

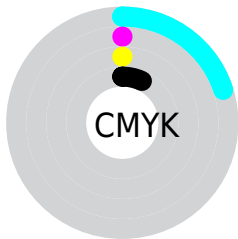
Blue (93%)



Red (75%)

Yellow (84%)

Blue (93%)

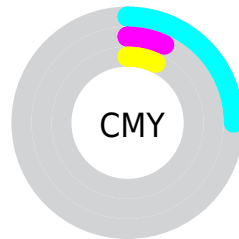


Cyan (20%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (25%)

Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2424, 78.2693, 92.4524 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 67.2424, 78.2693, 92.4524 by changing the saturation by 10% instead.

67.2424, 78.2693,
92.4524

67.2424, 78.2693,
92.4524

440.2260,
489.0809, 556.7512

49.5531, 58.2952,
69.4313

114.3156,
130.9297, 152.7054

35.2747, 42.0460,
50.5891

144.4301,
164.3848, 190.7744

24.0421, 29.1373,
35.5073

179.4171,
203.1023, 234.6964

15.4898, 19.1847,
23.7672

219.6418,
247.4668, 284.8900

9.2524, 11.8038,
14.9504

265.4698,
297.8624, 341.7738

4.9646, 6.6103,
8.6384

317.2662,

2.2610, 3.2196,

354.6738, 405.7662

4.4125

375.3965,
418.2851, 477.2858

■ 0.7746, 1.2474,
1.8543

■ 0.0000, 0.0999,
0.4634

■ 67.2424, 78.2693,
92.4524

■ 67.2424, 78.2693,
92.4524

■ 61.7769, 75.4538,
92.1971

■ 73.6832, 81.5916,
92.7567

■ 57.2327, 73.1112,
91.9833

■ 81.1362, 85.4338,
93.1066

■ 53.5613, 71.2185,
91.8103

■ 87.2495, 88.5853,
93.3939

■ 50.7065, 69.7469,
91.6755

■ 87.2497, 88.5854,
93.3951

48.6062, 68.6642,
91.5760

87.2499, 88.5855,
93.3963

47.1890, 67.9336,
91.5085

87.2502, 88.5856,
93.3975

46.3698, 67.5113,
91.4690

87.2504, 88.5856,
93.3986

46.0070, 67.3243,
91.4509

87.2506, 88.5857,
93.3998

87.2508, 88.5858,
93.4010

Harmonies

Analogous

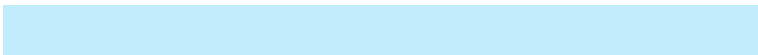
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.0203, 78.2693, 80.8074



67.2424, 78.2693, 92.4524



69.3379, 78.2693, 103.0118

Triad

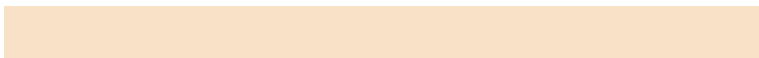
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.2424, 78.2693, 92.4524



80.3694, 78.2693, 100.9146



75.9725, 78.2693, 65.1842

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67.2424, 78.2693, 92.4524



62.9704, 58.7240, 56.7345

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.6873, 78.2693, 69.6081



67.2424, 78.2693, 92.4524



82.2867, 78.2693, 89.7944

Square

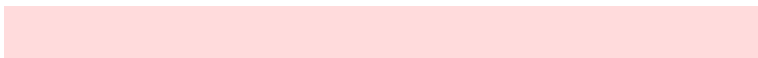
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.2424, 78.2693, 92.4524



76.8762, 78.2693, 108.1947



82.0326, 78.2693, 78.3787



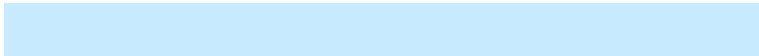
71.9631, 78.2693, 65.7555

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.2424, 78.2693, 92.4524



71.5594, 78.2693, 107.6901



82.0326, 78.2693, 78.3787



77.2997, 78.2693, 66.1188

Sweetspot

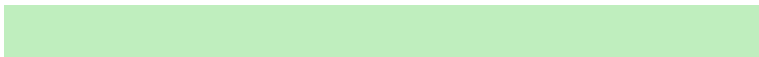
The Sweet Spot groups the original color and five complimentary colors.



67.2447, 78.2725, 92.4542



89.6433, 97.2127, 108.6461



61.3068, 75.9205, 60.1396



19.0671, 20.7455, 23.2491



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.2447, 78.2725, 92.4542



76.0062, 90.1826, 108.0055



60.9197, 65.6218, 90.3481



16.2474, 17.9290, 20.3257



25.6661, 37.5585, 51.0182



2.1352, 3.1245, 4.2443

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



62.9704, 58.7240, 56.7345



70.2029, 63.6408, 59.5074



68.4016, 69.5868, 58.5432



15.7729, 15.7589, 16.3604



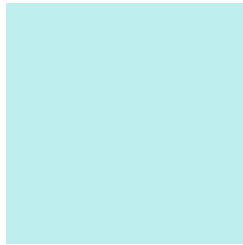
19.6715, 10.1410, 0.9210



1.6365, 0.8436, 0.0767

Previews

White Background



This preview shows how the XYZ color 67.2424, 78.2693, 92.4524 looks on a white background.

Color Contrast Check

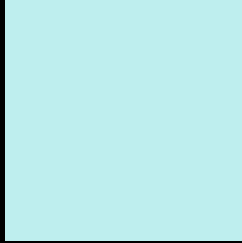
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 67.2424, 78.2693, 92.4524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

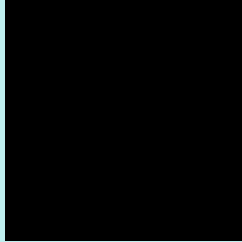
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2424, 78.2693, 92.4524

Background



This preview shows how black text looks on a background with the XYZ color 67.2424, 78.2693, 92.4524.

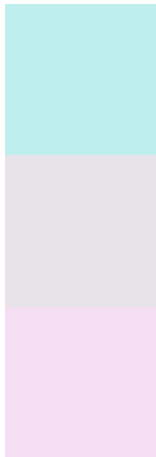


This preview shows how white text looks on a background with the XYZ color 67.2424, 78.2693,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

67.2424, 78.2693, 92.4524

Protanopia

74.9896, 77.7533, 87.3994

Deuteranopia

79.6546, 78.0059, 94.0775



Tritanopia

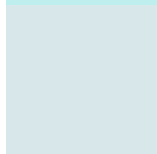
69.5900, 77.9099, 105.1363

Trichromacy



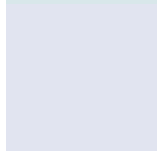
Original Color

67.2424, 78.2693, 92.4524



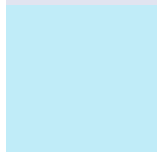
Protanomaly

71.7461, 77.6913, 89.0564



Deuteranomaly

74.5229, 77.7856, 93.5244



Tritanomaly

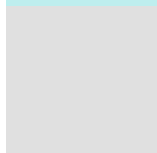
68.6770, 77.9747, 100.2379

Monochromacy



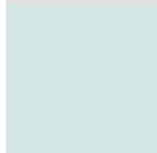
Original Color

67.2424, 78.2693, 92.4524



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

69.3135, 75.6928, 85.0857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2424, 78.2693, 92.4524 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(190, 238, 238)` looks like.

```
.text, #text, p{  
    color:rgb(190, 238, 238)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(190, 238, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 238, 238) }
```

Border

The CSS property to change the border of an element to XYZ 67.2424, 78.2693, 92.4524 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 238, 238) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(190, 238, 238) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(190, 238, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 238, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 238, 238);  
box-shadow:4px 4px 4px 4px rgb(190, 238,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2424, 78.2693, 92.4524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 238, 238) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(190,  
238, 238) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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