

Converting Colors

XYZ(67.5644, 77.7594, 92.6094)

Have a look what the booklet for
XYZ(67.5644, 77.7594, 92.6094)
contains.

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Color

**XYZ(67.4204, 77.5014,
92.2948)**

Conversions

Conversions Part 1

Format	Color
Hex	C1ECEE
RGB	193, 236, 238
RGB Percent	76%, 93%, 93%
CMY	0.2431, 0.0745, 0.0667
CMYK	0.19, 0.01, 0.00, 0.07
HSL	183°, 57%, 85%
HSV	183°, 19%, 93%
XYZ	67.4204, 77.5014, 92.2948
YIQ	223.3710, -26.2700, -8.4940

Conversions

Conversions Part 2

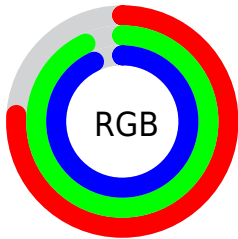
Format	Color
R _Y B	193, 215, 238
Decimal	12709102
CIE Lab	90.55, -13.36, -5.57
CIE LCh	91, 14.472, 202.631
Yxy	77.5014, 0.2842, 0.3267
Android (android.graphics.Color)	4290899182 (0xFFC1ECEE)
YUV	223.3710, 7.2121, -26.6354
Hunter-Lab	88.0349, -17.3591, -0.5346

Details

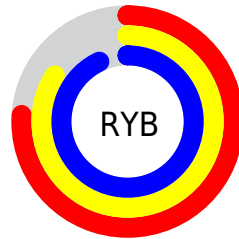
The XYZ color **67.4204, 77.5014, 92.2948** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.4014, 61.0578, 58.8446**, and the grayscale version is **70.3685, 74.0332, 80.6221**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **35.4122, 41.5089, 50.4016** is the 20% darker color. If you saturate the color by 10%, you get **61.5321, 74.0178, 91.9340**, and if you desaturate by 10%, it is **74.2914, 81.4983, 92.7054**.

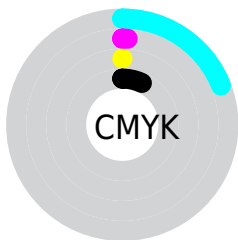
Distribution



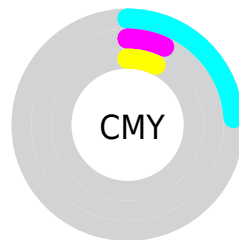
- Red (76%)
- Green (93%)
- Blue (93%)



- Red (76%)
- Yellow (84%)
- Blue (93%)



- Cyan (19%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (24%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4204, 77.5014, 92.2948 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 67.4204, 77.5014, 92.2948 by changing the saturation by 10% instead.

67.4204, 77.5014,
92.2948

67.4204, 77.5014,
92.2948

440.8487,
486.4719, 556.2294

49.6983, 57.6645,
69.3011

114.5691,
129.8470, 152.4852

35.3906, 41.5390,
50.4837

144.7264,
163.1245, 190.5189

24.1318, 28.7405,
35.4240

179.7594,
201.6510, 234.4031

15.5567, 18.8846,
23.7035

220.0336,
245.8108, 284.5562

9.2999, 11.5869,
14.9037

265.9143,
295.9884, 341.3969

4.9959, 6.4631,
8.6059

317.7668,

2.2796, 3.1286,

352.5682, 405.3436

4.3918

375.9565,
415.9346, 476.8149

■ 0.7842, 1.1993,
1.8426

■ 0.0000, 0.0611,
0.4559

■ 67.4204, 77.5014,
92.2948

■ 67.4204, 77.5014,
92.2948

■ 61.5321, 74.0178,
91.9340

■ 74.2914, 81.4983,
92.7054

■ 56.5731, 71.0139,
91.6156


■ 82.1817, 86.0214,
93.1626


■ 52.4952, 68.4669,
91.3389


■ 87.5901, 89.2677,
93.5041


■ 49.2432, 66.3483,
91.1013


■ 87.9006, 89.8885,
93.6076


 46.7557, 64.6264,
90.9001


 88.2128, 90.5130,
93.7117


 44.9626, 63.2652,
90.7319


 88.5268, 91.1411,
93.8163


 43.7811, 62.2219,
90.5928

 88.8427, 91.7728,
93.9216

 43.0866, 61.4324,
90.4770

 89.1604, 92.4082,
94.0275

 43.0224, 61.3523,
90.4649

 89.4799, 93.0472,
94.1340

Harmonies

Analogous

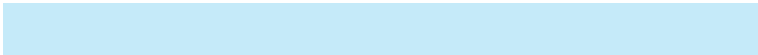
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.9702, 77.5014, 81.8535



67.4204, 77.5014, 92.2948



69.5165, 77.5014, 101.2487

Triad

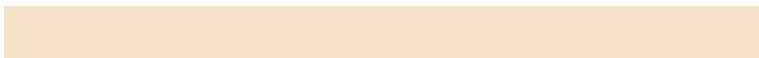
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.4204, 77.5014, 92.2948



79.3368, 77.5014, 97.0785



74.5596, 77.5014, 66.1122

Complementary

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



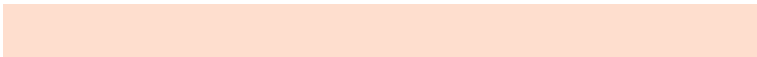
67.4204, 77.5014, 92.2948



64.4014, 61.0578, 58.8446

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.



77.9707, 77.5014, 69.5077



67.4204, 77.5014, 92.2948



80.7870, 77.5014, 86.9698

Square

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



67.4204, 77.5014, 92.2948



76.3749, 77.5014, 104.1646



80.2790, 77.5014, 76.9421



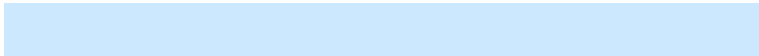
71.0156, 77.5014, 67.2841

Rectangle

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



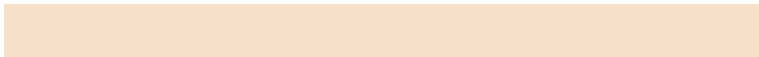
67.4204, 77.5014, 92.2948



71.6034, 77.5014, 104.8868



80.2790, 77.5014, 76.9421



75.7612, 77.5014, 66.7471

Sweetspot

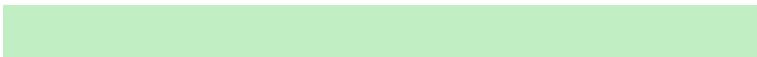
The Sweet Spot groups the original color and five complimentary colors.



67.4227, 77.5046, 92.2965



89.4272, 96.7804, 108.5749



62.3621, 76.4055, 62.7962



19.0158, 20.6429, 23.2322



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.



67.4227, 77.5046, 92.2965



75.8414, 88.8734, 107.7647



61.4729, 65.6052, 90.3133



16.1838, 17.8016, 20.3047



24.0280, 34.2803, 50.4782



2.0174, 2.8887, 4.2055

Inverse Universe

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



69.4720, 62.3749, 87.7385



78.6927, 67.9514, 101.3943



69.6998, 71.6546, 60.6107



16.4222, 16.0186, 19.7795



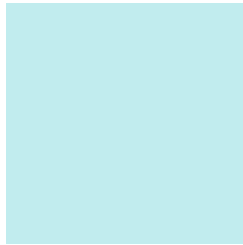
27.4539, 13.2540, 41.9021



2.2932, 1.1063, 3.5349

Previews

White Background



This preview shows how the XYZ color 67.4204, 77.5014, 92.2948 looks on a white background.

Color Contrast Check

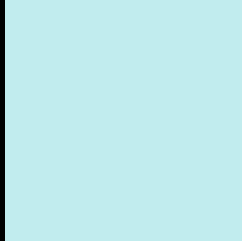
Large Text (above 18pt) WCAG AA × Fail

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 67.4204, 77.5014, 92.2948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

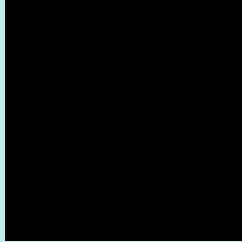
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.4204, 77.5014, 92.2948

Background



This preview shows how black text looks on a background with the XYZ color 67.4204, 77.5014, 92.2948.



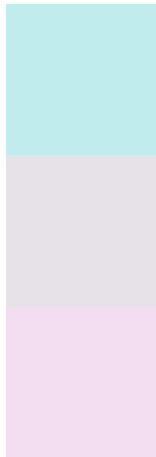
This preview shows how white text looks on a background with the XYZ color 67.4204, 77.5014,

92.2948.

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

67.4204, 77.5014, 92.2948

Protanopia

74.3950, 77.0419, 87.2935

Deuteranopia

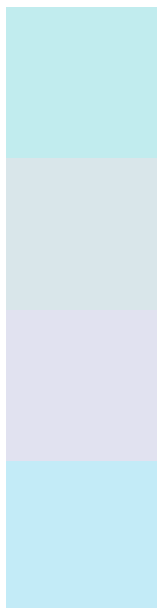
78.6958, 77.1185, 93.9567



Tritanopia

69.7585, 77.6097, 103.3990

Trichromacy



Original Color

67.4204, 77.5014, 92.2948

Protanomaly

71.7634, 77.2859, 88.9772

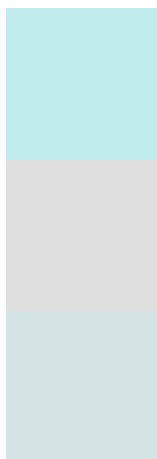
Deuteranomaly

73.9759, 76.6915, 93.3421

Tritanomaly

69.0025, 77.7342, 99.3631

Monochromacy



Original Color

67.4204, 77.5014, 92.2948

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

68.8984, 75.0853, 84.2604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4204, 77.5014, 92.2948 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(193, 236, 238)` looks like.

```
.text, #text, p{  
    color:rgb(193, 236, 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(193, 236, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 236, 238) }
```

Border

The CSS property to change the border of an element to XYZ 67.4204, 77.5014, 92.2948 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(193, 236, 238) }
```


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

```
.border{ border-color:rgb(193, 236, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 236, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 236, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 236, 238);  
box-shadow:4px 4px 4px 4px rgb(193, 236,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4204, 77.5014, 92.2948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 236, 238) }
```

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

```
.background{ background-color: rgb(193,  
236, 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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