

Converting Colors

XYZ(65.0195, 70.3008, 92.5816)

Have a look what the booklet for
XYZ(65.0195, 70.3008, 92.5816)
contains.

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Color

**XYZ(65.1382, 70.5396,
92.6204)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DEF0
RGB	198, 222, 240
RGB Percent	78%, 87%, 94%
CMY	0.2235, 0.1294, 0.0588
CMYK	0.17, 0.07, 0.00, 0.06
HSL	206°, 58%, 86%
HSV	206°, 17%, 94%
XYZ	65.1382, 70.5396, 92.6204
YIQ	216.8760, -20.0820, 0.5100

Conversions

Conversions Part 2

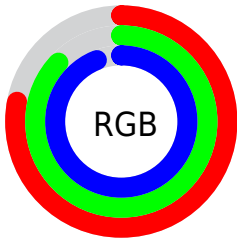
Format	Color
R _Y B	198, 213, 240
Decimal	13033200
CIE Lab	87.26, -4.26, -11.47
CIE LCh	87, 12.232, 249.609
Yxy	70.5396, 0.2853, 0.3090
Android (android.graphics.Color)	4291223280 (0xFFC6DEF0)
YUV	216.8760, 11.4001, -16.5543
Hunter-Lab	83.9879, -8.5401, -6.5925

Details

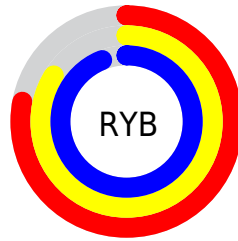
The XYZ color **65.1382, 70.5396, 92.6204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.6847, 71.7143, 63.5444**, and the grayscale version is **65.8044, 69.2314, 75.3930**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9720, 37.0274, 50.7039** is the 20% darker color. If you saturate the color by 10%, you get **56.6582, 62.2376, 91.4660**, and if you desaturate by 10%, it is **74.7914, 79.6974, 93.8804**.

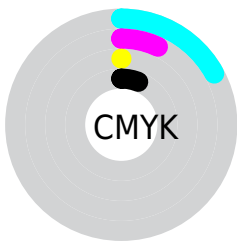
Distribution



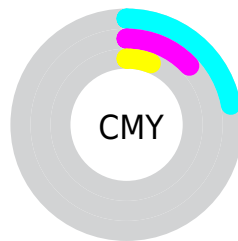
- Red (78%)
- Green (87%)
- Blue (94%)



- Red (78%)
- Yellow (84%)
- Blue (94%)



- Cyan (17%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (22%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1382, 70.5396, 92.6204 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 65.1382, 70.5396, 92.6204 by changing the saturation by 10% instead.

■ 65.1382, 70.5396,
92.6204

■ 65.1382, 70.5396,
92.6204

432.8258,
462.4424, 557.3071

■ 47.8383, 51.9666,
69.5701

111.3131,
119.9779, 152.9401

■ 33.9095, 36.9784,
50.7015

140.9188,
151.6120, 191.0466

■ 22.9867, 25.1908,
35.5960

175.3572,
188.3686, 235.0090

■ 14.7043, 16.2193,
23.8352

214.9935,
230.6320, 285.2457

■ 8.6971, 9.6794,
15.0003

260.1932,
278.7867, 342.1753

■ 4.5997, 5.1869,
8.6730

311.3215,

■ 2.0467, 2.3574,

333.2171, 406.2164

4.4346

368.7440,
394.3075, 477.7875

■ 0.6600, 0.8038,
1.8667

■ 0.0000, 0.0000,
0.4714

■ 65.1382, 70.5396,
92.6204

■ 65.1382, 70.5396,
92.6204

■ 56.6582, 62.2376,
91.4660

■ 74.7914, 79.6974,
93.8804

■ 49.2950, 54.7526,
90.4094

■ 85.6584, 89.7307,
95.2443

■ 42.9969, 48.0551,
89.4486

■ 92.0486, 97.7119,
96.4480

■ 37.7051, 42.1102,
88.5800

■ 92.7284, 99.0714,
96.6746

■ 33.3548, 36.8798,
87.7997

■ 29.8726, 32.3212,
87.1033

■ 27.1726, 28.3849,
86.4859

■ 25.1423, 25.0077,
85.9410

■ 24.6967, 24.2279,
85.8140

Harmonies

Analogous

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



62.8768, 70.5396, 87.3469



65.1382, 70.5396, 92.6204



67.9727, 70.5396, 93.4954

Triad

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



65.1382, 70.5396, 92.6204



72.6448, 70.5396, 74.1933



63.5831, 70.5396, 65.2436

Complementary

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



65.1382, 70.5396, 92.6204



70.6847, 71.7143, 63.5444

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.



66.1273, 70.5396, 62.2305



65.1382, 70.5396, 92.6204



71.3951, 70.5396, 67.1485

Square

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



65.1382, 70.5396, 92.6204



72.3616, 70.5396, 82.4545



68.9902, 70.5396, 62.9021



61.9969, 70.5396, 71.4208

Rectangle

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



65.1382, 70.5396, 92.6204



69.8141, 70.5396, 91.4076



68.9902, 70.5396, 62.9021



64.3516, 70.5396, 63.8479

Sweetspot

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



65.1403, 70.5425, 92.6220



88.7956, 94.2250, 108.1150



66.7803, 79.2593, 76.4077



18.8239, 19.9987, 23.1180



0.0000, 0.0000, 0.0000



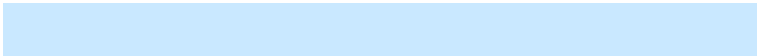
20.3446, 21.4041, 23.3091

Same Dimension

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



65.1403, 70.5425, 92.6220



71.1302, 77.4433, 105.8068



60.0218, 60.3055, 90.9158



15.6472, 16.7285, 20.1258



13.6539, 13.5320, 47.0202



1.2344, 1.3228, 3.9445

Inverse Universe

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



69.3158, 64.1891, 77.8469



76.8048, 69.0726, 85.6680



76.2691, 82.8830, 65.4059



16.1514, 15.9103, 18.3533



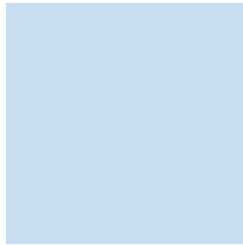
22.2175, 11.1594, 14.3277



1.8980, 0.9483, 1.4538

Previews

White Background



This preview shows how the XYZ color 65.1382, 70.5396, 92.6204 looks on a white background.

Color Contrast Check

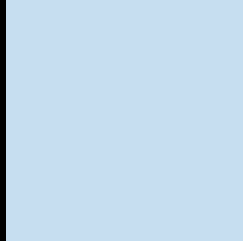
Large Text (above 18pt) WCAG AA × Fail

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 65.1382, 70.5396, 92.6204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

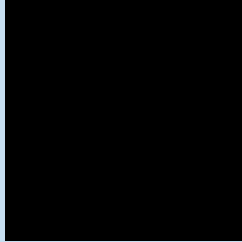
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

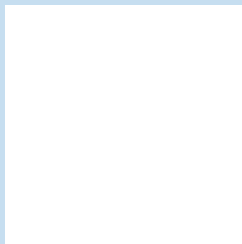
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.1382, 70.5396, 92.6204

Background



This preview shows how black text looks on a background with the XYZ color 65.1382, 70.5396, 92.6204.



This preview shows how white text looks on a background with the XYZ color 65.1382, 70.5396,

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

65.1382, 70.5396, 92.6204

Protanopia

68.7142, 70.4918, 90.1054

Deuteranopia

71.8836, 70.1558, 93.7571



Tritanopia

65.1382, 70.5396, 92.6204

Trichromacy



Original Color

65.1382, 70.5396, 92.6204

Protanomaly

67.3425, 70.5377, 90.9547

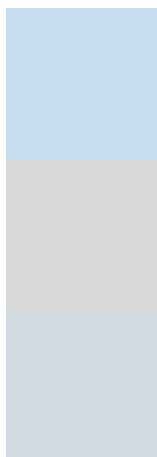
Deuteranomaly

69.3465, 70.3680, 93.1465

Tritanomaly

65.1382, 70.5396, 92.6204

Monochromacy



Original Color

65.1382, 70.5396, 92.6204

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.5005, 69.8009, 81.2548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1382, 70.5396, 92.6204 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(198, 222, 240)` looks like.

```
.text, #text, p{  
    color:rgb(198, 222, 240)  
}
```

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(198, 222, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 222, 240) }
```

Border

The CSS property to change the border of an element to XYZ 65.1382, 70.5396, 92.6204 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(198, 222, 240) }
```


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

```
.border{ border-color:rgb(198, 222, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 222, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 222, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 222, 240);  
box-shadow:4px 4px 4px 4px rgb(198, 222,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1382, 70.5396, 92.6204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 222, 240) }
```

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

```
.background{ background-color: rgb(198,  
222, 240) }
```

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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