

Converting Colors

XYZ(63.1403, 64.4948, 84.3763)

Have a look what the booklet for
XYZ(63.1403, 64.4948, 84.3763)
contains.

XYZ(62.9921, 64.2912, 84.6907)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.9921, 64.2912,
84.6907)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D0E7
RGB	208, 208, 231
RGB Percent	82%, 82%, 91%
CMY	0.1843, 0.1843, 0.0941
CMYK	0.10, 0.10, 0.00, 0.09
HSL	240°, 32%, 86%
HSV	240°, 10%, 91%
XYZ	62.9921, 64.2912, 84.6907
YIQ	210.6220, -7.3830, 7.1530

Conversions

Conversions Part 2

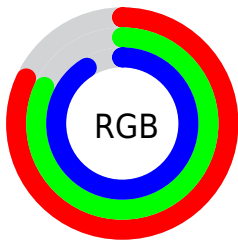
Format	Color
R _Y B	208, 208, 231
Decimal	13684967
CIE Lab	84.12, 4.39, -11.32
CIE LCh	84, 12.138, 291.218
Yxy	64.2912, 0.2972, 0.3033
Android (android.graphics.Color)	4291875047 (0xFFD0D0E7)
YUV	210.6220, 10.0464, -2.2995
Hunter-Lab	80.1818, -0.0857, -6.4968

Details

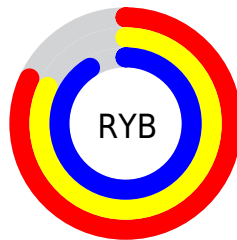
The XYZ color **62.9921, 64.2912, 84.6907** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.9163, 78.6942, 71.0221**, and the grayscale version is **61.6086, 64.8170, 70.5857**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.6199, 33.0764, 45.2226** is the 20% darker color. If you saturate the color by 10%, you get **51.7376, 50.7310, 82.6675**, and if you desaturate by 10%, it is **76.0164, 79.9844, 87.0343**.

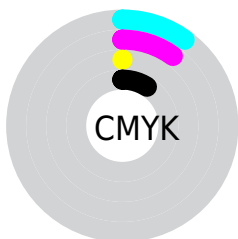
Distribution



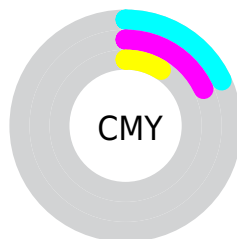
- Red (82%)
- Green (82%)
- Blue (91%)



- Red (82%)
- Yellow (82%)
- Blue (91%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)



- Cyan (18%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9921, 64.2912, 84.6907 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 62.9921, 64.2912, 84.6907 by changing the saturation by 10% instead.

■ 62.9921, 64.2912,
84.6907

■ 62.9921, 64.2912,
84.6907

425.2009,
440.2405, 530.7219

■ 46.0934, 46.8866,
63.0372

108.2400,
111.0302, 141.8113

■ 32.5245, 32.9460,
45.4301

137.3199,
141.1334, 178.1154

■ 21.9199, 22.0851,
31.4509

171.1910,
176.2382, 220.1401

■ 13.9143, 13.9194,
20.6811

210.2186,
216.7290, 268.3040

■ 8.1424, 8.0646,
12.7021

254.7680,
262.9902, 323.0256

■ 4.2388, 4.1363,
7.0955

305.2046,

■ 1.8381, 1.7501,

315.4063, 384.7234

3.4425

361.8938,
374.3616, 453.8160

■ 0.5405, 0.4558,
1.3248

■ 0.0000, 0.0000,
0.0820

■ 62.9921, 64.2912,
84.6907

■ 62.9921, 64.2912,
84.6907

■ 51.7376, 50.7310,
82.6675

■ 76.0164, 79.9844,
87.0343

■ 42.1710, 39.2042,
80.9468

■ 90.8761, 97.8886,
89.7070

■ 34.2129, 29.6153,
79.5154

■ 91.4240, 98.5496,
89.8057

■ 27.7748, 21.8579,
78.3574

■ 22.7602, 15.8154,
77.4554

■ 19.0610, 11.3579,
76.7900

■ 16.5541, 8.3370,
76.3390

■ 15.0929, 6.5760,
76.0761

■ 14.4267, 5.7731,
75.9562

Harmonies

Analogous

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



60.3230, 64.2912, 85.6342



62.9921, 64.2912, 84.6907



65.2152, 64.2912, 79.6653

Triad

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



62.9921, 64.2912, 84.6907



64.3938, 64.2912, 59.1099



56.1513, 64.2912, 67.7717

Complementary

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



62.9921, 64.2912, 84.6907



72.9163, 78.6942, 71.0221

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.



57.1748, 64.2912, 61.1539



62.9921, 64.2912, 84.6907



61.8975, 64.2912, 56.3986

Square

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



62.9921, 64.2912, 84.6907



66.0408, 64.2912, 64.7924



59.2596, 64.2912, 57.1185



56.4250, 64.2912, 75.4840

Rectangle

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



62.9921, 64.2912, 84.6907



66.1198, 64.2912, 74.8653



59.2596, 64.2912, 57.1185



56.3539, 64.2912, 65.3544

Sweetspot

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



62.9940, 64.2939, 84.6921



89.8995, 93.7943, 107.9736



68.9591, 76.3107, 86.4137



18.9551, 19.7299, 23.0592



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.



62.9940, 64.2939, 84.6921



75.6790, 76.6600, 105.4159



66.2293, 65.9607, 84.8433



13.5831, 13.8875, 18.1090



8.0864, 3.2350, 42.5814



0.5976, 0.2392, 3.1466

Inverse Universe

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



66.8975, 66.6561, 69.0177



81.5127, 80.1903, 81.9907



69.4421, 76.9044, 70.8598



14.3771, 14.3680, 14.9204



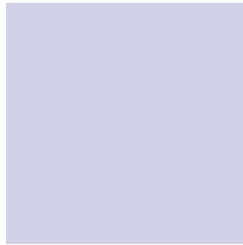
18.4752, 9.5243, 0.8653



1.3653, 0.7038, 0.0641

Previews

White Background



This preview shows how the XYZ color 62.9921, 64.2912, 84.6907 looks on a white background.

Color Contrast Check

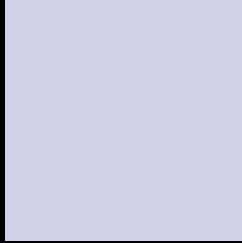
Large Text (above 18pt) WCAG AA × Fail

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 62.9921, 64.2912, 84.6907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

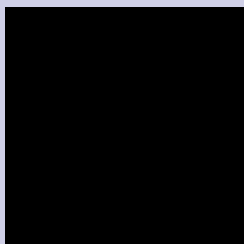
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9921, 64.2912, 84.6907

Background



This preview shows how black text looks on a background with the XYZ color 62.9921, 64.2912, 84.6907.

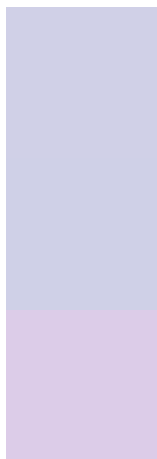


This preview shows how white text looks on a background with the XYZ color 62.9921, 64.2912,

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

62.9921, 64.2912, 84.6907

Protanopia

62.7118, 64.1467, 84.6776

Deuteranopia

65.6736, 64.2276, 85.2797



Tritanopia

62.1232, 64.3026, 80.3716

Trichromacy



Original Color

62.9921, 64.2912, 84.6907

Protanomaly

62.7118, 64.1467, 84.6776

Deuteranomaly

64.7157, 64.0878, 85.3032

Tritanomaly

62.3977, 64.4124, 81.8172

Monochromacy



Original Color

62.9921, 64.2912, 84.6907

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.2798, 64.8568, 75.5658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9921, 64.2912, 84.6907 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(208, 208, 231) looks like.

```
.text, #text, p{  
    color:rgb(208, 208, 231)  
}
```

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(208, 208, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 208, 231) }
```

Border

The CSS property to change the border of an element to XYZ 62.9921, 64.2912, 84.6907 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(208, 208, 231) }
```


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

```
.border{ border-color:rgb(208, 208, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 208, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 208, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 208, 231);  
box-shadow:4px 4px 4px 4px rgb(208, 208,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9921, 64.2912, 84.6907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 208, 231) }
```

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

```
.background{ background-color: rgb(208,  
208, 231) }
```

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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