

Converting Colors

XYZ(64.2508, 67.0425, 73.1724)

Have a look what the booklet for
XYZ(64.2508, 67.0425, 73.1724)
contains.

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Color

**XYZ(64.2508, 67.0425,
73.1724)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D5D6
RGB	216, 213, 214
RGB Percent	85%, 84%, 84%
CMY	0.1529, 0.1647, 0.1608
CMYK	0.00, 0.01, 0.01, 0.15
HSL	340°, 4%, 84%
HSV	340°, 1%, 85%
XYZ	64.2508, 67.0425, 73.1724
YIQ	214.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

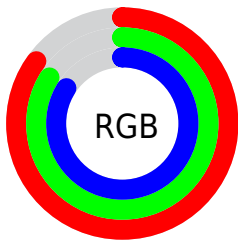
Format	Color
R _Y B	216, 213, 214
Decimal	14210518
CIE Lab	85.53, 1.21, -0.14
CIE LCh	86, 1.215, 353.415
Yxy	67.0425, 0.3142, 0.3279
Android (android.graphics.Color)	4292400598 (0xFFD8D5D6)
YUV	214.0110, -0.0054, 1.7444
Hunter-Lab	81.8795, -3.2202, 4.3306

Details

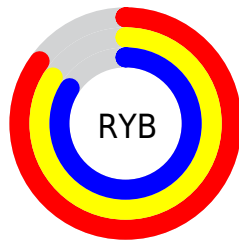
The XYZ color **64.2508, 67.0425, 73.1724** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2648, 68.1660, 74.0638**, and the grayscale version is **63.9249, 67.2540, 73.2396**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.1828, 34.5340, 37.7177** is the 20% darker color. If you saturate the color by 10%, you get **57.4153, 56.1883, 62.2077**, and if you desaturate by 10%, it is **71.9768, 79.4149, 85.2398**.

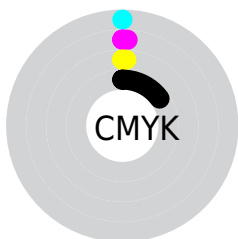
Distribution



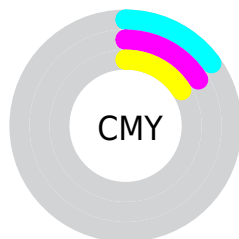
- Red (85%)
- Green (84%)
- Blue (84%)



- Red (85%)
- Yellow (84%)
- Blue (84%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2508, 67.0425, 73.1724 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 64.2508, 67.0425, 73.1724 by changing the saturation by 10% instead.

■ 64.2508, 67.0425,
73.1724

■ 64.2508, 67.0425,
73.1724

429.6826,
450.0960, 490.6989

■ 47.1163, 49.1192,
53.6243

110.0438,
114.9813, 125.4451

■ 33.3359, 34.7140,
37.9102

139.4329,
145.7656, 159.0068

■ 22.5444, 23.4427,
25.6117

173.6377,
181.6056, 198.0767

■ 14.3763, 14.9207,
16.3102

213.0234,
222.8858, 243.0734

■ 8.4663, 8.7638,
9.5872

257.9553,
269.9905, 294.4154

■ 4.4490, 4.5874,
5.0241

308.7990,

■ 1.9592, 2.0073,

323.3042, 352.5213

2.2024

365.9196,
383.2113, 417.8096

■ 0.6109, 0.6117,
0.6758

■ 0.0000, 0.0000,
0.0000

■ 64.2508, 67.0425,
73.1724

■ 64.2508, 67.0425,
73.1724

■ 57.4153, 56.1883,
62.2077

■ 71.9768, 79.4149,
85.2398

■ 51.4319, 46.7852,
52.3097

■ 80.2326, 92.5805,
98.3072

■ 46.2679, 38.7739,
43.4468

■ 82.1294, 93.3392,
108.2953

■ 41.8863, 32.0874,
35.5839

■ 38.2470, 26.6535,
28.6842

■ 35.3065, 22.3929,
22.7081

■ 33.0160, 19.2170,
17.6132

■ 31.3206, 17.0248,
13.3531

■ 30.1550, 15.6954,
9.8760

Harmonies

Analogous

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



64.1492, 67.0425, 73.9080



64.2508, 67.0425, 73.1724



64.2104, 67.0425, 72.3953

Triad

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



64.2508, 67.0425, 73.1724



63.5111, 67.0425, 71.6114



63.4059, 67.0425, 74.2257

Complementary

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



64.2508, 67.0425, 73.1724



64.2648, 68.1660, 74.0638

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.



63.2359, 67.0425, 73.6038



64.2508, 67.0425, 73.1724



63.2965, 67.0425, 72.0953

Square

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



64.2508, 67.0425, 73.1724



63.7828, 67.0425, 71.4977



63.1959, 67.0425, 72.8236



63.6610, 67.0425, 74.5189

Rectangle

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



64.2508, 67.0425, 73.1724



64.1083, 67.0425, 71.9578



63.1959, 67.0425, 72.8236



63.3370, 67.0425, 74.0480

Sweetspot

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



64.2527, 67.0454, 73.1739

95.0500, 100.0000, 108.9000



64.2156, 66.9965, 74.5139



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



64.2527, 67.0454, 73.1739



92.9012, 96.5717, 105.5037



64.2516, 67.2463, 72.5476



13.7071, 14.2604, 15.5760



17.4956, 8.9346, 4.6478



1.0931, 0.5540, 0.4796

Inverse Universe

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



64.2527, 67.0454, 73.1739



92.9012, 96.5717, 105.5037



64.2655, 67.9619, 74.6976



13.7071, 14.2604, 15.5760



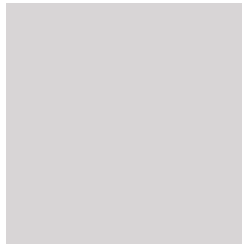
17.4956, 8.9346, 4.6478



1.0931, 0.5540, 0.4796

Previews

White Background



This preview shows how the XYZ color 64.2508, 67.0425, 73.1724 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 64.2508, 67.0425, 73.1724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

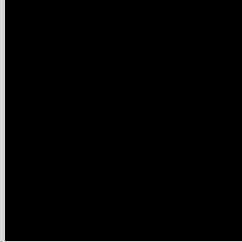
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

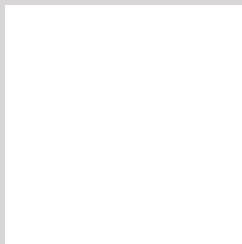
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.2508, 67.0425, 73.1724

Background



This preview shows how black text looks on a background with the XYZ color 64.2508, 67.0425, 73.1724.

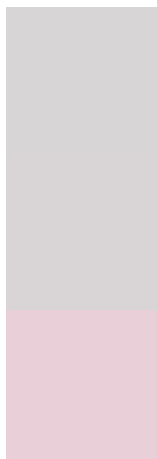


This preview shows how white text looks on a background with the XYZ color 64.2508, 67.0425,

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

64.2508, 67.0425, 73.1724

Protanopia

64.5471, 67.1953, 73.1863

Deuteranopia

68.1828, 66.8556, 73.6008



Tritanopia

66.2113, 67.0954, 82.8598

Trichromacy



Original Color

64.2508, 67.0425, 73.1724

Protanomaly

64.5471, 67.1953, 73.1863

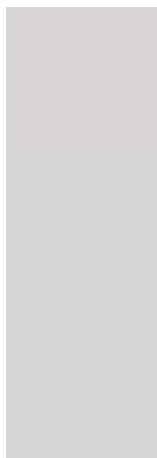
Deuteranomaly

66.7448, 66.8381, 73.6732

Tritanomaly

65.4780, 67.1664, 79.3254

Monochromacy



Original Color

64.2508, 67.0425, 73.1724

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.2085, 67.3952, 73.2428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2508, 67.0425, 73.1724 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(216, 213, 214) looks like.

```
.text, #text, p{  
    color:rgb(216, 213, 214)  
}
```

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(216, 213, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 213, 214) }
```

Border

The CSS property to change the border of an element to XYZ 64.2508, 67.0425, 73.1724 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(216, 213, 214) }
```

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

```
.border{ border-color:rgb(216, 213, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 213, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 213, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 213, 214);  
box-shadow:4px 4px 4px 4px rgb(216, 213,  
214) }
```


Background

The CSS property to change the background color of an element to XYZ 64.2508, 67.0425, 73.1724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 213, 214) }
```

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

```
.background{ background-color: rgb(216,  
213, 214) }
```

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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