

Converting Colors

XYZ(57.5639, 64.3020, 75.0232)

Have a look what the booklet for
XYZ(57.5639, 64.3020, 75.0232)
contains.

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Color

**XYZ(57.5639, 64.3020,
75.0232)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD7D9
RGB	188, 215, 217
RGB Percent	74%, 84%, 85%
CMY	0.2627, 0.1568, 0.1490
CMYK	0.13, 0.01, 0.00, 0.15
HSL	184°, 28%, 79%
HSV	184°, 13%, 85%
XYZ	57.5639, 64.3020, 75.0232
YIQ	207.1550, -16.7340, -5.1020

Conversions

Conversions Part 2

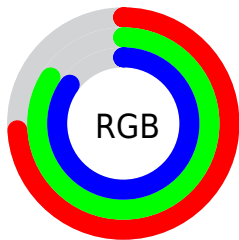
Format	Color
R _Y B	188, 202, 217
Decimal	12376025
CIE Lab	84.12, -8.53, -4.02
CIE LCh	84, 9.432, 205.245
Yxy	64.3020, 0.2924, 0.3266
Android (android.graphics.Color)	4290566105 (0xFFBCD7D9)
YUV	207.1550, 4.8536, -16.7989
Hunter-Lab	80.1885, -12.1924, 0.6611

Details

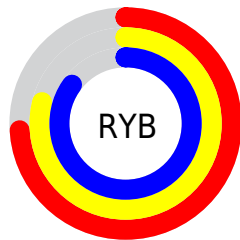
The XYZ color **57.5639, 64.3020, 75.0232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1063, 55.2094, 55.2776**, and the grayscale version is **59.3870, 62.4798, 68.0405**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **28.9239, 32.8186, 38.9926** is the 20% darker color. If you saturate the color by 10%, you get **52.2367, 60.9951, 74.6667**, and if you desaturate by 10%, it is **63.7021, 68.0356, 75.4213**.

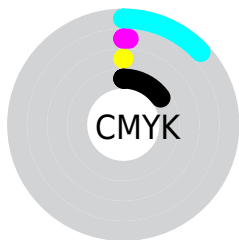
Distribution



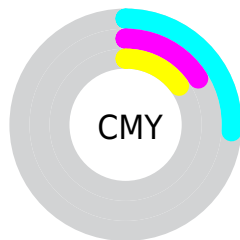
- Red (74%)
- Green (84%)
- Blue (85%)



- Red (74%)
- Yellow (79%)
- Blue (85%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (26%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5639, 64.3020, 75.0232 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 57.5639, 64.3020, 75.0232 by changing the saturation by 10% instead.

■ 57.5639, 64.3020,
75.0232

■ 57.5639, 64.3020,
75.0232

405.5391,
440.2794, 497.2549

■ 41.7001, 46.8953,
55.1301

■ 100.4141,
111.0458, 128.0926

■ 29.0566, 32.9529,
39.1066

128.1313,
141.1516, 162.1059

■ 19.2681, 22.0904,
26.5342

160.5302,
176.2593, 201.6631

■ 11.9693, 13.9233,
16.9943

197.9762,
216.7533, 247.1826

■ 6.7948, 8.0674,
10.0685

240.8348,
263.0179, 299.0830

■ 3.3793, 4.1381,
5.3382

289.4712,

■ 1.3574, 1.7511,

315.4375, 357.7828

2.3849

344.2508,
374.3965, 423.7006

■ 0.2256, 0.4564,
0.7782

■ 0.0000, 0.0000,
0.0000

■ 57.5639, 64.3020,
75.0232

■ 57.5639, 64.3020,
75.0232

■ 52.2367, 60.9951,
74.6667

■ 63.7021, 68.0356,
75.4213

■ 47.6791, 58.0884,
74.3459

■ 70.6793, 72.2050,
75.8584

■ 43.8545, 55.5648,
74.0603

■ 78.5288, 76.8295,
76.3373

■ 40.7212, 53.4026,
73.8081

■ 79.6162, 77.9731,
76.5007

■ 38.2331, 51.5781,
73.5871

■ 80.0124, 78.7656,
76.6328

■ 36.3386, 50.0648,
73.3949

■ 80.4122, 79.5651,
76.7661

■ 34.9782, 48.8318,
73.2286

■ 80.8155, 80.3718,
76.9005

■ 34.0798, 47.8421,
73.0849

■ 81.2224, 81.1855,
77.0361

■ 33.6589, 47.2784,
72.9983

■ 81.6328, 82.0063,
77.1729

Harmonies

Analogous

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



57.2102, 64.3020, 69.0669



57.5639, 64.3020, 75.0232



58.8611, 64.3020, 79.8721

Triad

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



57.5639, 64.3020, 75.0232



64.4688, 64.3020, 76.7620



61.4499, 64.3020, 59.1888

Complementary

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



57.5639, 64.3020, 75.0232



56.1063, 55.2094, 55.2776

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.



63.4300, 64.3020, 61.0023



57.5639, 64.3020, 75.0232



65.1980, 64.3020, 70.9697

Square

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



57.5639, 64.3020, 75.0232



62.8421, 64.3020, 80.9154



64.8136, 64.3020, 65.2328



59.4240, 64.3020, 60.1385

Rectangle

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



57.5639, 64.3020, 75.0232



60.1022, 64.3020, 81.7082



64.8136, 64.3020, 65.2328



62.1434, 64.3020, 59.4924

Sweetspot

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



57.5658, 64.3047, 75.0246



91.1728, 97.6692, 108.6545



54.8400, 64.0330, 58.1475



19.3634, 20.8139, 23.2469



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.



57.5658, 64.3047, 75.0246



80.7102, 91.2868, 107.9740



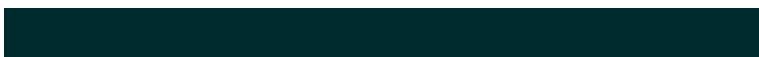
54.0504, 57.2739, 73.8528



13.3641, 14.6680, 16.7790



20.4069, 28.6833, 44.1993



1.3456, 1.9053, 2.8713

Inverse Universe

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



58.8657, 55.6259, 71.9274



82.9381, 76.4948, 102.6475



59.3895, 61.7757, 56.3720



13.5737, 13.2586, 16.2821



23.7958, 11.5194, 34.9004



1.5535, 0.7510, 2.3236

Previews

White Background



This preview shows how the XYZ color 57.5639, 64.3020, 75.0232 looks on a white background.

Color Contrast Check

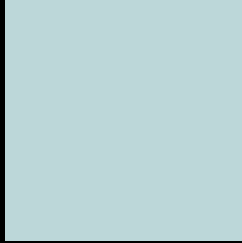
Large Text (above 18pt) WCAG AA × Fail

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 57.5639, 64.3020, 75.0232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

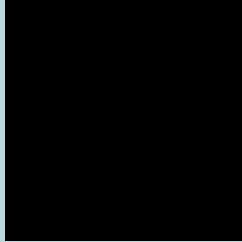
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5639, 64.3020, 75.0232

Background



This preview shows how black text looks on a background with the XYZ color 57.5639, 64.3020, 75.0232.



This preview shows how white text looks on a background with the XYZ color 57.5639, 64.3020,

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

57.5639, 64.3020, 75.0232

Protanopia

61.7175, 63.9129, 72.0344

Deuteranopia

65.1935, 63.8339, 75.9029



Tritanopia

59.3124, 64.2488, 84.1381

Trichromacy



Original Color

57.5639, 64.3020, 75.0232

Protanomaly

60.0605, 64.1401, 72.8331

Deuteranomaly

62.1191, 63.6847, 75.3480

Tritanomaly

58.6234, 64.3482, 80.5648

Monochromacy



Original Color

57.5639, 64.3020, 75.0232

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.6239, 63.0757, 70.7130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5639, 64.3020, 75.0232 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(188, 215, 217)` looks like.

```
.text, #text, p{  
    color:rgb(188, 215, 217)  
}
```

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(188, 215, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 215, 217) }
```

Border

The CSS property to change the border of an element to XYZ 57.5639, 64.3020, 75.0232 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(188, 215, 217) }
```


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

```
.border{ border-color:rgb(188, 215, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 215, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 215, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 215, 217);  
box-shadow:4px 4px 4px 4px rgb(188, 215,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5639, 64.3020, 75.0232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 215, 217) }
```

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

```
.background{ background-color: rgb(188,  
215, 217) }
```

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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