

Converting Colors

XYZ(56.2642, 61.2594, 64.7457)

Have a look what the booklet for
XYZ(56.2642, 61.2594, 64.7457)
contains.

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Color

**XYZ(56.2425, 61.2463,
64.7345)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D0CA
RGB	197, 208, 202
RGB Percent	77%, 82%, 79%
CMY	0.2274, 0.1843, 0.2078
CMYK	0.05, 0.00, 0.03, 0.18
HSL	147°, 10%, 79%
HSV	147°, 5%, 82%
XYZ	56.2425, 61.2463, 64.7345
YIQ	204.0270, -4.6300, -4.1980

Conversions

Conversions Part 2

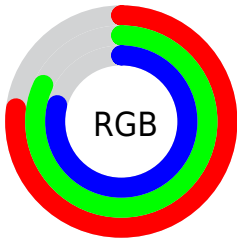
Format	Color
RYB	197, 205, 208
Decimal	12964042
CIELab	82.51, -4.85, 1.67
CIELCh	83, 5.127, 160.943
Yxy	61.2463, 0.3086, 0.3361
Android (android.graphics.Color)	4291154122 (0xFFC5D0CA)
YUV	204.0270, -0.9993, -6.1627
Hunter-Lab	78.2600, -8.6739, 5.7390

Details

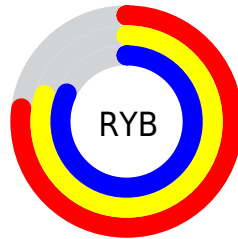
The XYZ color **56.2425, 61.2463, 64.7345** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7604, 57.6558, 64.6400**, and the grayscale version is **57.4212, 60.4116, 65.7882**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **28.2286, 31.0890, 32.5299** is the 20% darker color. If you saturate the color by 10%, you get **49.8728, 58.1139, 57.6787**, and if you desaturate by 10%, it is **63.4660, 64.8109, 72.3487**.

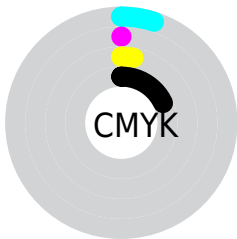
Distribution



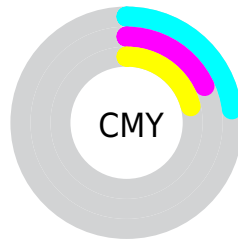
- Red (77%)
- Green (82%)
- Blue (79%)



- Red (77%)
- Yellow (80%)
- Blue (82%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



- Cyan (23%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2425, 61.2463, 64.7345 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 56.2425, 61.2463, 64.7345 by changing the saturation by 10% instead.

■ 56.2425, 61.2463,
64.7345

■ 56.2425, 61.2463,
64.7345

400.6650,
429.1765, 460.1173

■ 40.6351, 44.4240,
46.7958

98.4968, 106.6355,
113.2777

■ 28.2205, 31.0040,
32.5211

125.8745,
135.9711, 144.7193

■ 18.6333, 20.6019,
21.4917

157.9063,
170.2466, 181.4990

■ 11.5080, 12.8333,
13.2892

194.9576,
209.8465, 224.0353

■ 6.4794, 7.3138,
7.4949

237.3938,
255.1550, 272.7467

■ 3.1821, 3.6591,
3.6904

285.5801,

■ 1.2508, 1.4848,

306.5565, 328.0518

1.4571

339.8821,
364.4356, 390.3692

■ 0.1459, 0.2780,
0.1856

■ 0.0000, 0.0000,
0.0000

■ 56.2425, 61.2463,
64.7345

■ 56.2425, 61.2463,
64.7345

■ 49.8728, 58.1139,
57.6787

■ 63.4660, 64.8109,
72.3487

■ 44.3191, 55.3893,
51.1646

■ 71.5691, 68.8155,
80.5295

■ 39.5482, 53.0573,
45.1808

■ 78.9442, 72.4329,
89.2131

■ 35.5227, 51.0990,
39.7135

■ 80.6467, 73.1139,
98.1782

■ 32.2019, 49.4935,
34.7486

■ 81.8470, 73.5941,
104.4990

■ 29.5411, 48.2181,
30.2713

■ 27.4901, 47.2473,
26.2659

■ 25.9910, 46.5515,
22.7158

■ 24.9733, 46.0947,
19.6030

Harmonies

Analogous

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



56.8420, 61.2463, 62.2287



56.2425, 61.2463, 64.7345



56.1671, 61.2463, 67.8397

Triad

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



56.2425, 61.2463, 64.7345



58.6139, 61.2463, 72.7930



59.8200, 61.2463, 62.8075

Complementary

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



56.2425, 61.2463, 64.7345



56.7604, 57.6558, 64.6400

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.



60.3076, 61.2463, 65.5471



56.2425, 61.2463, 64.7345



59.6054, 61.2463, 71.3529

Square

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



56.2425, 61.2463, 64.7345



57.5270, 61.2463, 72.5588



60.2285, 61.2463, 68.6780



58.9039, 61.2463, 61.1405

Rectangle

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



56.2425, 61.2463, 64.7345



56.4230, 61.2463, 69.8401



60.2285, 61.2463, 68.6780



60.0400, 61.2463, 63.6298

Sweetspot

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



56.2442, 61.2489, 64.7358



92.7537, 98.8676, 106.4710



57.2784, 61.8493, 61.7435



19.8772, 21.1736, 22.8147



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.



56.2442, 61.2489, 64.7358



88.3283, 96.6868, 101.7217



56.9015, 61.5118, 68.1972



12.2876, 13.4968, 14.1559



15.3792, 28.6446, 11.6430



0.8997, 1.6175, 0.8605

Inverse Universe

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



56.7604, 57.6558, 64.6400



89.2625, 90.1840, 101.5483



56.1217, 57.4003, 61.2768



12.4291, 12.5123, 14.1297



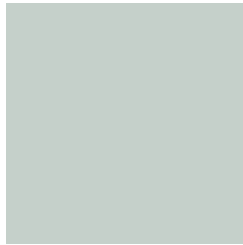
18.1365, 9.1274, 10.8907



1.0538, 0.5263, 0.8183

Previews

White Background



This preview shows how the XYZ color 56.2425, 61.2463, 64.7345 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 56.2425, 61.2463, 64.7345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

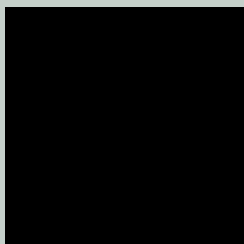
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

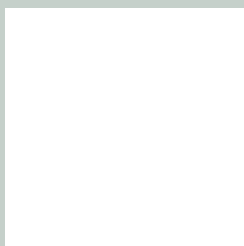
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2425, 61.2463, 64.7345

Background



This preview shows how black text looks on a background with the XYZ color 56.2425, 61.2463, 64.7345.



This preview shows how white text looks on a background with the XYZ color 56.2425, 61.2463,

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

56.2425, 61.2463, 64.7345

Protanopia

58.5965, 61.0575, 63.3405

Deuteranopia

62.3738, 61.2140, 65.6548



Tritanopia

58.7019, 61.1625, 77.1182

Trichromacy



Original Color

56.2425, 61.2463, 64.7345

Protanomaly

57.5508, 60.8588, 63.9720

Deuteranomaly

59.9244, 60.9999, 65.1157

Tritanomaly

57.7621, 61.1398, 72.3751

Monochromacy



Original Color

56.2425, 61.2463, 64.7345

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.6982, 60.3919, 65.1684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2425, 61.2463, 64.7345 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(197, 208, 202)` looks like.

```
.text, #text, p{  
    color:rgb(197, 208, 202)  
}
```

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(197, 208, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 208, 202) }
```

Border

The CSS property to change the border of an element to XYZ 56.2425, 61.2463, 64.7345 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(197, 208, 202) }
```


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

```
.border{ border-color:rgb(197, 208, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 208, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 208, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 208, 202);  
box-shadow:4px 4px 4px 4px rgb(197, 208,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2425, 61.2463, 64.7345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 208, 202) }
```

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

```
.background{ background-color: rgb(197,  
208, 202) }
```

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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