

Converting Colors

XYZ(56.8980, 64.2802, 59.8488)

Have a look what the booklet for
XYZ(56.8980, 64.2802, 59.8488)
contains.

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Color

**XYZ(56.9520, 64.3214,
59.8657)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D7C1
RGB	197, 215, 193
RGB Percent	77%, 84%, 76%
CMY	0.2274, 0.1568, 0.2431
CMYK	0.08, 0.00, 0.10, 0.16
HSL	109°, 22%, 80%
HSV	109°, 10%, 84%
XYZ	56.9520, 64.3214, 59.8657
YIQ	207.1100, -3.6660, -10.6580

Conversions

Conversions Part 2

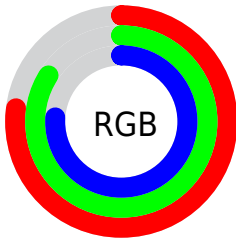
Format	Color
RYB	193, 215, 211
Decimal	12965825
CIELab	84.13, -10.08, 8.80
CIELCh	84, 13.378, 138.885
Yxy	64.3214, 0.3144, 0.3551
Android (android.graphics.Color)	4291155905 (0xFFC5D7C1)
YUV	207.1100, -6.9562, -8.8665
Hunter-Lab	80.2006, -13.5948, 11.8835

Details

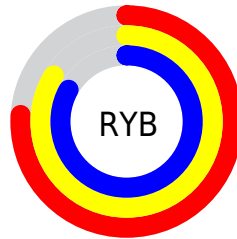
The XYZ color **56.9520, 64.3214, 59.8657** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2022, 56.8969, 72.2079**, and the grayscale version is **59.4256, 62.5204, 68.0847**.

A 20% lighter version of the original color is **93.7319, 99.4304, 103.8743**, and **28.5587, 32.8453, 29.2607** is the 20% darker color. If you saturate the color by 10%, you get **50.3853, 61.1953, 47.9353**, and if you desaturate by 10%, it is **64.4087, 67.8697, 73.6606**.

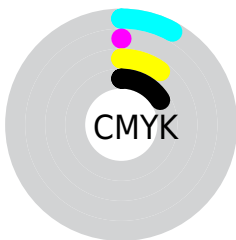
Distribution



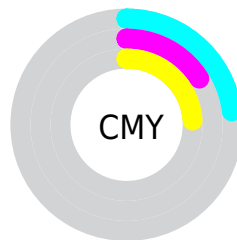
- Red (77%)
- Green (84%)
- Blue (76%)



- Red (76%)
- Yellow (84%)
- Blue (83%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)



- Cyan (23%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9520, 64.3214, 59.8657 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 56.9520, 64.3214, 59.8657 by changing the saturation by 10% instead.

■ 56.9520, 64.3214,
59.8657

■ 56.9520, 64.3214,
59.8657

403.2865,
440.3494, 441.8935

■ 41.2067, 46.9110,
42.8858

■ 99.5269, 111.0737,
106.1763

■ 28.6690, 32.9653,
29.4648

127.0872,
141.1844, 136.3441

■ 18.9736, 22.0999,
19.1841

159.3166,
176.2973, 171.7449

■ 11.7551, 13.9303,
11.6252

196.5803,
216.7969, 212.7973

■ 6.6481, 8.0722,
6.3696

239.2439,
263.0675, 259.9198

■ 3.2874, 4.1412,
2.9987

287.6725,

■ 1.3075, 1.7529,

315.4935, 313.5310

1.0940

342.2316,
374.4593, 374.0493

■ 0.1888, 0.4575,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9520, 64.3214,
59.8657

■ 56.9520, 64.3214,
59.8657

■ 50.3853, 61.1953,
47.9353

■ 64.4087, 67.8697,
73.6606

■ 44.6697, 58.4675,
37.7855

■ 72.7815, 71.8466,
89.3907

■ 39.7717, 56.1245,
29.3321

■ 81.6967, 76.1064,
104.9919

■ 35.6531, 54.1487,
22.4825

■ 83.5917, 77.0834,
105.0806

■ 32.2727, 52.5209,
17.1353

■ 29.5856, 51.2204,
13.1775

■ 27.5414, 50.2242,
10.4802

■ 26.0826, 49.5058,
8.8902

■ 25.1414, 49.0363,
8.1399

Harmonies

Analogous

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



59.3140, 64.3214, 55.7327



56.9520, 64.3214, 59.8657



55.7254, 64.3214, 66.9432

Triad

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



56.9520, 64.3214, 59.8657



60.0462, 64.3214, 87.2556



66.6735, 64.3214, 64.8966

Complementary

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



56.9520, 64.3214, 59.8657



58.2022, 56.8969, 72.2079

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.



66.8850, 64.3214, 73.2207



56.9520, 64.3214, 59.8657



62.9940, 64.3214, 86.5962

Square

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



56.9520, 64.3214, 59.8657



57.4731, 64.3214, 83.0306



65.5191, 64.3214, 81.2954



64.9503, 64.3214, 58.4716

Rectangle

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



56.9520, 64.3214, 59.8657



55.6893, 64.3214, 72.5799



65.5191, 64.3214, 81.2954



66.9258, 64.3214, 67.5505

Sweetspot

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



56.9538, 64.3242, 59.8671



91.5771, 98.3491, 102.4358



60.9386, 64.8722, 59.7629



19.4070, 20.9584, 21.5651



0.0000, 0.0000, 0.0000



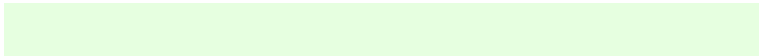
20.3446, 21.4041, 23.3091

Same Dimension

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



56.9538, 64.3242, 59.8671



81.8898, 93.7403, 84.5834



56.7162, 64.1097, 64.0100



12.4709, 14.0034, 13.2064



15.1013, 29.3613, 4.8714



0.9753, 1.8042, 0.2968

Inverse Universe

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



58.2022, 56.8969, 72.2079



84.0365, 80.9669, 105.8067



58.4859, 57.1444, 67.6459



12.7214, 12.5133, 15.6823



18.1172, 8.4922, 39.1374



1.1517, 0.5426, 2.3633

Previews

White Background



This preview shows how the XYZ color 56.9520, 64.3214, 59.8657 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 56.9520, 64.3214, 59.8657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

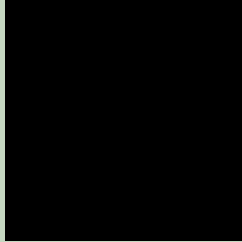
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

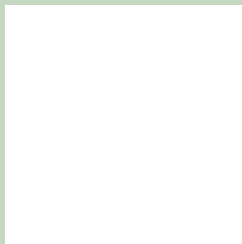
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.9520, 64.3214, 59.8657

Background



This preview shows how black text looks on a background with the XYZ color 56.9520, 64.3214, 59.8657.



This preview shows how white text looks on a background with the XYZ color 56.9520, 64.3214,

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

56.9520, 64.3214, 59.8657

Protanopia

61.0082, 64.2241, 57.8962

Deuteranopia

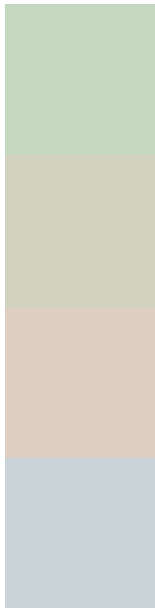
65.3453, 63.8887, 61.1122



Tritanopia

61.2688, 64.1958, 81.8349

Trichromacy



Original Color

56.9520, 64.3214, 59.8657

Protanomaly

59.2766, 64.0518, 58.5292

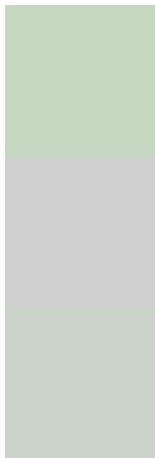
Deuteranomaly

61.9819, 63.9379, 60.7042

Tritanomaly

59.6286, 64.2726, 73.5531

Monochromacy



Original Color

56.9520, 64.3214, 59.8657

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.3359, 63.0540, 64.9731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9520, 64.3214, 59.8657 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, 215, 193)` looks like.

```
.text, #text, p{  
    color:rgb(197, 215, 193)  
}
```

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, 215, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 215, 193) }
```

Border

The CSS property to change the border of an element to XYZ 56.9520, 64.3214, 59.8657 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, 215, 193) }
```


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

```
.border{ border-color:rgb(197, 215, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 215, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 215, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 215, 193);  
box-shadow:4px 4px 4px 4px rgb(197, 215,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9520, 64.3214, 59.8657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 215, 193) }
```

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

```
.background{ background-color: rgb(197,  
215, 193) }
```

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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