

Converting Colors

XYZ(55.7294, 61.4222, 64.6510)

Have a look what the booklet for
XYZ(55.7294, 61.4222, 64.6510)
contains.

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Color

**XYZ(55.7093, 61.3345,
64.7797)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D1CA
RGB	194, 209, 202
RGB Percent	76%, 82%, 79%
CMY	0.2392, 0.1804, 0.2078
CMYK	0.07, 0.00, 0.03, 0.18
HSL	152°, 14%, 79%
HSV	152°, 7%, 82%
XYZ	55.7093, 61.3345, 64.7797
YIQ	203.7170, -6.6930, -5.3570

Conversions

Conversions Part 2

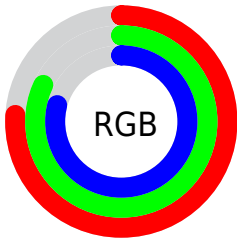
Format	Color
RYB	194, 204, 209
Decimal	12767690
CIELab	82.56, -6.38, 1.72
CIELCh	83, 6.607, 164.944
Yxy	61.3345, 0.3064, 0.3373
Android (android.graphics.Color)	4290957770 (0xFFC2D1CA)
YUV	203.7170, -0.8465, -8.5218
Hunter-Lab	78.3163, -10.0800, 5.7795

Details

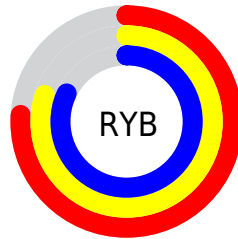
The XYZ color **55.7093, 61.3345, 64.7797** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1311, 56.3576, 63.1810**, and the grayscale version is **57.2255, 60.2057, 65.5640**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **27.8819, 31.1563, 32.5612** is the 20% darker color. If you saturate the color by 10%, you get **49.5993, 58.3157, 58.6539**, and if you desaturate by 10%, it is **62.6503, 64.7767, 71.3282**.

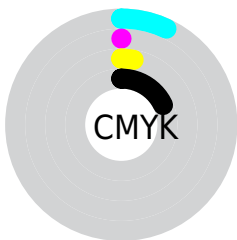
Distribution



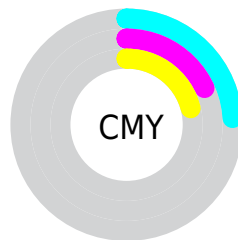
- Red (76%)
- Green (82%)
- Blue (79%)



- Red (76%)
- Yellow (80%)
- Blue (82%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



- Cyan (24%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7093, 61.3345, 64.7797 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 55.7093, 61.3345, 64.7797 by changing the saturation by 10% instead.

■ 55.7093, 61.3345,
64.7797

■ 55.7093, 61.3345,
64.7797

398.6879,
429.4994, 460.2844

■ 40.2060, 44.4952,
46.8323

■ 97.7217, 106.7631,
113.3433

■ 27.8841, 31.0600,
32.5497

124.9615,
136.1212, 144.7966

■ 18.3783, 20.6445,
21.5134

156.8441,
170.4210, 181.5888

■ 11.3233, 12.8644,
13.3049

193.7350,
210.0469, 224.1387

■ 6.3536, 7.3352,
7.5057

235.9995,
255.3833, 272.8646

■ 3.1040, 3.6726,
3.6971

284.0029,

■ 1.2090, 1.4922,

306.8146, 328.1852

1.4607

338.1105,
364.7251, 390.5189

■ 0.1134, 0.2832,
0.1884

■ 0.0000, 0.0000,
0.0000

■ 55.7093, 61.3345,
64.7797

■ 55.7093, 61.3345,
64.7797

■ 49.5993, 58.3157,
58.6539

■ 62.6503, 64.7767,
71.3282

■ 44.2823, 55.6957,
52.9382

■ 70.4478, 68.6502,
78.3036

■ 39.7253, 53.4594,
47.6252

■ 78.5035, 72.6480,
85.6858

■ 35.8908, 51.5875,
42.7057

■ 79.9226, 73.2156,
93.1585

■ 32.7376, 50.0591,
38.1701

■ 81.4197, 73.8144,
101.0424

■ 30.2208, 48.8511,
34.0085

■ 82.0916, 74.0832,
104.5805

■ 28.2892, 47.9374,
30.2103

■ 26.8835, 47.2876,
26.7641

■ 25.9240, 46.8607,
23.6575

Harmonies

Analogous

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



56.3962, 61.3345, 61.4196



55.7093, 61.3345, 64.7797



55.7080, 61.3345, 68.8118

Triad

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



55.7093, 61.3345, 64.7797



59.0008, 61.3345, 74.5953



60.2430, 61.3345, 61.4299

Complementary

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



55.7093, 61.3345, 64.7797



56.1311, 56.3576, 63.1810

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.



60.9642, 61.3345, 64.7942



55.7093, 61.3345, 64.7797



60.2392, 61.3345, 72.4495

Square

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



55.7093, 61.3345, 64.7797



57.5929, 61.3345, 74.5911



60.9628, 61.3345, 68.8269



59.0060, 61.3345, 59.5395

Rectangle

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



55.7093, 61.3345, 64.7797



56.0953, 61.3345, 71.3446



60.9628, 61.3345, 68.8269



60.5547, 61.3345, 62.4198

Sweetspot

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



55.7110, 61.3371, 64.7810



92.8176, 98.8931, 106.8072



56.6949, 61.9509, 60.0095



19.8902, 21.1788, 22.8832



0.0000, 0.0000, 0.0000



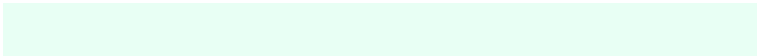
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7110, 61.3371, 64.7810



85.4278, 95.2333, 99.6963



56.4981, 61.5538, 69.2279



11.9160, 13.3101, 13.9140



15.8925, 28.8499, 14.3461



0.9285, 1.6291, 1.0122

Inverse Universe

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



56.1311, 56.3576, 63.1810



86.2525, 85.4581, 96.5552



55.3815, 56.1468, 58.9584



12.0351, 11.8988, 13.4605



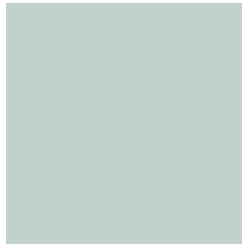
17.6077, 8.9159, 8.1062



1.0244, 0.5145, 0.6634

Previews

White Background



This preview shows how the XYZ color 55.7093, 61.3345, 64.7797 looks on a white background.

Color Contrast Check

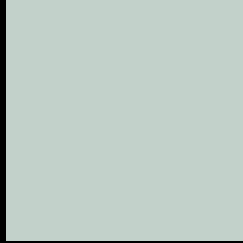
Large Text (above 18pt) WCAG AA × Fail

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 55.7093, 61.3345, 64.7797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

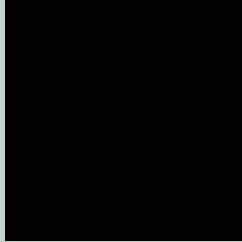
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

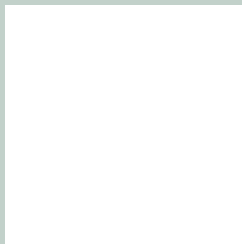
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.7093, 61.3345, 64.7797

Background



This preview shows how black text looks on a background with the XYZ color 55.7093, 61.3345, 64.7797.



This preview shows how white text looks on a background with the XYZ color 55.7093, 61.3345,

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

55.7093, 61.3345, 64.7797

Protanopia

58.4800, 61.0109, 62.7269

Deuteranopia

62.3738, 61.2140, 65.6548



Tritanopia

58.2821, 61.2869, 77.8650

Trichromacy



Original Color

55.7093, 61.3345, 64.7797

Protanomaly

57.3985, 61.1501, 63.4215

Deuteranomaly

59.8670, 61.3198, 65.1805

Tritanomaly

57.3435, 61.2677, 73.0935

Monochromacy



Original Color

55.7093, 61.3345, 64.7797

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.6702, 60.7338, 65.2359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7093, 61.3345, 64.7797 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(194, 209, 202)` looks like.

```
.text, #text, p{  
    color:rgb(194, 209, 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(194, 209, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 209, 202) }
```

Border

The CSS property to change the border of an element to XYZ 55.7093, 61.3345, 64.7797 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(194, 209, 202) }
```


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

```
.border{ border-color:rgb(194, 209, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 209, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 209, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 209, 202);  
box-shadow:4px 4px 4px 4px rgb(194, 209,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7093, 61.3345, 64.7797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 209, 202) }
```

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

```
.background{ background-color: rgb(194,  
209, 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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