

Converting Colors

XYZ(55.3464, 62.7731, 31.3199)

Have a look what the booklet for
XYZ(55.3464, 62.7731, 31.3199)
contains.

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Color

**XYZ(55.2595, 62.5781,
31.3566)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D385
RGB	214, 211, 133
RGB Percent	84%, 83%, 52%
CMY	0.1608, 0.1725, 0.4784
CMYK	0.00, 0.01, 0.38, 0.16
HSL	58°, 50%, 68%
HSV	58°, 38%, 84%
XYZ	55.2595, 62.5781, 31.3566
YIQ	203.0050, 26.8260, -23.6220

Conversions

Conversions Part 2

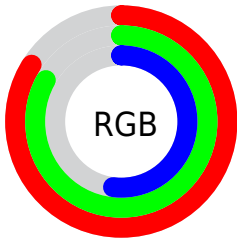
Format	Color
RYB	136, 214, 133
Decimal	14078853
CIELab	83.22, -10.36, 38.99
CIElCh	83, 40.347, 104.880
Yxy	62.5781, 0.3704, 0.4194
Android (android.graphics.Color)	4292268933 (0xFFD6D385)
YUV	203.0050, -34.5125, 9.6426
Hunter-Lab	79.1063, -13.7454, 31.8727

Details

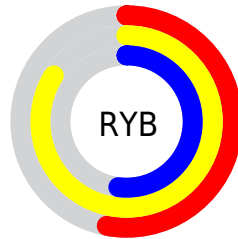
The XYZ color **55.2595, 62.5781, 31.3566** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.6146, 27.4493, 67.3032**, and the grayscale version is **56.9673, 59.9341, 65.2682**.

A 20% lighter version of the original color is **85.9696, 96.3679, 61.0835**, and **27.6805, 31.9922, 12.6988** is the 20% darker color. If you saturate the color by 10%, you get **53.7337, 61.6562, 24.2822**, and if you desaturate by 10%, it is **57.0906, 63.6281, 40.0203**.

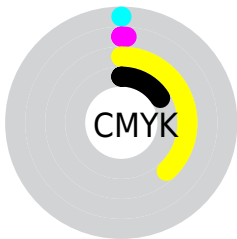
Distribution



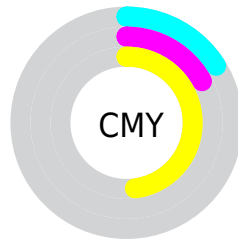
- Red (84%)
- Green (83%)
- Blue (52%)



- Red (53%)
- Yellow (84%)
- Blue (52%)



- Cyan (0%)
- Magenta (1%)
- Yellow (38%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2595, 62.5781, 31.3566 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 55.2595, 62.5781, 31.3566 by changing the saturation by 10% instead.

■ 55.2595, 62.5781,
31.3566

■ 55.2595, 62.5781,
31.3566

397.0153,
434.0367, 322.5798

■ 39.8442, 45.5000,
20.6098

■ 97.0672, 108.5606,
62.8872

■ 27.6008, 31.8514,
12.6506

■ 124.1902,
138.2338, 84.5081

■ 18.1638, 21.2480,
7.0605

■ 155.9466,
172.8741, 110.5908

■ 11.1681, 13.3054,
3.4210

192.7016,
212.8660, 141.5538

■ 6.2481, 7.6392,
1.3134

234.8206,
258.5938, 177.8156

■ 3.0386, 3.8650,
0.0727

282.6690,

■ 1.1742, 1.5983,

310.4419, 219.7949

0.0000

336.6121,
368.7947, 267.9101

■ 0.0859, 0.3565,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2595, 62.5781,
31.3566

■ 55.2595, 62.5781,
31.3566

■ 53.7337, 61.6562,
24.2822

■ 57.0906, 63.6281,
40.0203

■ 52.4901, 60.8466,
18.6961

■ 59.2393, 64.8044,
50.3581

■ 51.5099, 60.1438,
14.4922

■ 61.7226, 66.1162,
62.4536

■ 50.7699, 59.5387,
11.5483

■ 64.5552, 67.5692,
76.3835

■ 50.2429, 59.0203,
9.7214

■ 67.7508, 69.1689,
92.2201

■ 49.8903, 58.5733,
8.8084

■ 70.2742, 70.5014,
104.5120

■ 49.8241, 58.4812,
8.6620

■ 70.4771, 70.9072,
104.5796

■ 70.6810, 71.3149,
104.6476

■ 70.8859, 71.7246,
104.7159

Harmonies

Analogous

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



63.9784, 62.5781, 31.3876



55.2595, 62.5781, 31.3566



48.3733, 62.5781, 39.3666

Triad

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



55.2595, 62.5781, 31.3566



48.3301, 62.5781, 108.1318



77.2548, 62.5781, 81.5014

Complementary

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



55.2595, 62.5781, 31.3566



30.6146, 27.4493, 67.3032

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.



72.1654, 62.5781, 108.3254



55.2595, 62.5781, 31.3566



55.1949, 62.5781, 126.0805

Square

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



55.2595, 62.5781, 31.3566



44.6476, 62.5781, 81.2827



63.9072, 62.5781, 126.1590



77.2764, 62.5781, 56.4909

Rectangle

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



55.2595, 62.5781, 31.3566



45.5017, 62.5781, 49.6516



63.9072, 62.5781, 126.1590



76.0594, 62.5781, 90.7204

Sweetspot

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



55.2610, 62.5809, 31.3579



90.5283, 97.6634, 86.7164



40.6386, 32.8795, 27.8910



19.2670, 20.8462, 18.0255



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.



55.2610, 62.5809, 31.3579



80.4135, 92.0037, 38.4279



46.5377, 59.1987, 31.1648



13.4316, 14.4375, 13.2395



30.1330, 35.3832, 5.2415



1.8300, 2.1592, 0.3203

Inverse Universe

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



30.6146, 27.4493, 67.3032



38.9554, 32.9133, 98.9075



36.9847, 30.1158, 67.4821



11.7791, 12.0815, 15.6487



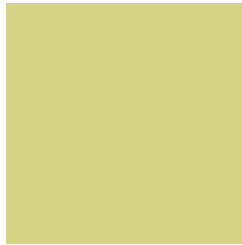
7.4050, 3.0717, 38.6558



0.4599, 0.2118, 2.3360

Previews

White Background



This preview shows how the XYZ color 55.2595, 62.5781, 31.3566 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 55.2595, 62.5781, 31.3566 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

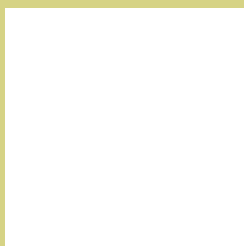
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2595, 62.5781, 31.3566

Background



This preview shows how black text looks on a background with the XYZ color 55.2595, 62.5781, 31.3566.



This preview shows how white text looks on a background with the XYZ color 55.2595, 62.5781,

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

55.2595, 62.5781, 31.3566

Protanopia

57.8417, 62.4603, 30.8373

Deuteranopia

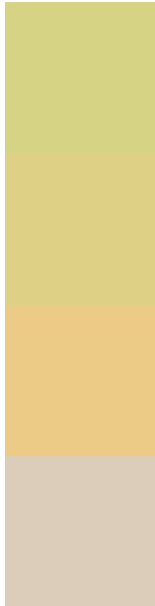
63.7049, 62.3055, 31.9611



Tritanopia

64.1515, 62.6303, 74.3534

Trichromacy



Original Color

55.2595, 62.5781, 31.3566

Protanomaly

56.8449, 62.3073, 30.8603

Deuteranomaly

60.3212, 62.2940, 31.7663

Tritanomaly

60.2094, 62.4235, 55.3299

Monochromacy



Original Color

55.2595, 62.5781, 31.3566

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.8393, 60.6224, 50.8777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2595, 62.5781, 31.3566 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(214, 211, 133)` looks like.

```
.text, #text, p{  
    color:rgb(214, 211, 133)  
}
```

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(214, 211, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 211, 133) }
```

Border

The CSS property to change the border of an element to XYZ 55.2595, 62.5781, 31.3566 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(214, 211, 133) }
```


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

```
.border{ border-color:rgb(214, 211, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 211, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 211, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 211, 133);  
box-shadow:4px 4px 4px 4px rgb(214, 211,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2595, 62.5781, 31.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 211, 133) }
```

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

```
.background{ background-color: rgb(214,  
211, 133) }
```

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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