

Converting Colors

XYZ(55.4109, 64.6429, 20.5417)

Have a look what the booklet for
XYZ(55.4109, 64.6429, 20.5417)
contains.

| | |
|--|----|
| XYZ(55.5806, 64.8617, 20.6565) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(55.5806, 64.8617,
20.6565)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DAD860 |
| RGB | 218, 216, 96 |
| RGB Percent | 85%, 85%, 38% |
| CMY | 0.1451, 0.1529, 0.6235 |
| CMYK | 0.00, 0.01, 0.56, 0.15 |
| HSL | 59°, 62%, 62% |
| HSV | 59°, 56%, 85% |
| XYZ | 55.5806, 64.8617, 20.6565 |
| YIQ | 202.9180, 39.7120, -36.8960 |

Conversions

Conversions Part 2

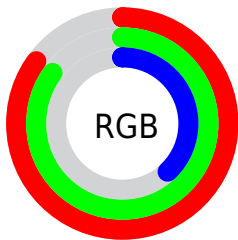
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 98, 218, 96 |
| Decimal | 14342240 |
| CIE _{Lab} | 84.41, -14.69, 58.20 |
| CIE _{LCh} | 84, 60.031, 104.169 |
| Yxy | 64.8617, 0.3939, 0.4597 |
| Android (android.graphics.Color) | 4292532320 (0xFFDAD860) |
| YUV | 202.9180, -52.7106, 13.2269 |
| Hunter-Lab | 80.5368, -17.7516, 41.1687 |

Details

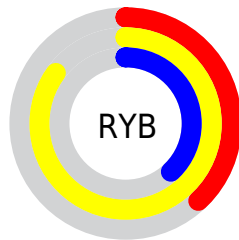
The XYZ color **55.5806, 64.8617, 20.6565** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **21.8465, 16.2837, 68.3209**, and the grayscale version is **57.0178, 59.9871, 65.3260**.

A 20% lighter version of the original color is **82.5050, 94.9820, 42.8390**, and **27.6423, 33.1234, 7.0344** is the 20% darker color. If you saturate the color by 10%, you get **54.6224, 64.3349, 16.0536**, and if you desaturate by 10%, it is **56.8204, 65.5062, 26.7276**.

Distribution



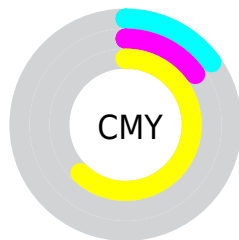
- Red (85%)
- Green (85%)
- Blue (38%)



- Red (38%)
- Yellow (85%)
- Blue (38%)



- Cyan (0%)
- Magenta (1%)
- Yellow (56%)
- Black (15%)



- Cyan (15%)
- Magenta (15%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5806, 64.8617, 20.6565 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 55.5806, 64.8617, 20.6565 by changing the saturation by 10% instead.

■ 55.5806, 64.8617,
20.6565

■ 55.5806, 64.8617,
20.6565

398.2097,
442.2948, 268.1681

■ 40.1024, 47.3489,
12.6844

■ 97.5345, 111.8510,
45.3885

■ 27.8030, 33.3116,
7.0834

■ 124.7409,
142.0963, 62.9854

■ 18.3169, 22.3653,
3.4351

■ 156.5875,
177.3547, 84.6277

■ 11.2788, 14.1255,
1.3208

■ 193.4395,
218.0104, 110.7339

■ 6.3234, 8.2080,
0.0788

235.6624,
264.4478, 141.7224

■ 3.0852, 4.2283,
0.0000

283.6215,

■ 1.1990, 1.8021,

317.0515, 178.0120

0.0000

337.6822,
376.2057, 220.0210

■ 0.1056, 0.4885,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5806, 64.8617,
20.6565

■ 55.5806, 64.8617,
20.6565

■ 54.6224, 64.3349,
16.0536

■ 56.8204, 65.5062,
26.7276

■ 53.9175, 63.9074,
12.7903


■ 58.3580, 66.2677,
34.3731


■ 53.4399, 63.5711,
10.7230


■ 60.2140, 67.1570,
43.6940


■ 53.1554, 63.3124,
9.6717


■ 62.4057, 68.1808,
54.7819


 53.0706, 63.2201,
9.4056

 64.9493, 69.3457,
67.7215

 67.8598, 70.6577,
82.5924

 71.1514, 72.1224,
99.4693

 72.2572, 72.7131,
104.8344

 72.3501, 72.8990,
104.8654

Harmonies

Analogous

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



68.9151, 64.8617, 20.9004



55.5806, 64.8617, 20.6565



45.4469, 64.8617, 29.9471

Triad

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



55.5806, 64.8617, 20.6565



45.0190, 64.8617, 135.1769



89.7681, 64.8617, 92.6204

Complementary

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



55.5806, 64.8617, 20.6565



21.8465, 16.2837, 68.3209

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.



81.3061, 64.8617, 137.5128



55.5806, 64.8617, 20.6565



54.9126, 64.8617, 167.5036

Square

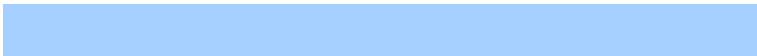
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.5806, 64.8617, 20.6565



39.9721, 64.8617, 90.1764



68.1440, 64.8617, 168.4863



90.0157, 64.8617, 54.1232

Rectangle

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



55.5806, 64.8617, 20.6565



41.3225, 64.8617, 43.2057



68.1440, 64.8617, 168.4863



87.7407, 64.8617, 107.7136

Sweetspot

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



55.5821, 64.8647, 20.6578



88.6140, 97.0647, 76.1210



35.3028, 24.1543, 14.3660



18.8255, 20.7101, 15.5756



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.



55.5821, 64.8647, 20.6578



77.7219, 91.6541, 22.0130



41.4877, 58.3616, 20.1455



14.1430, 15.2254, 13.9190



31.8033, 37.8922, 5.6377



2.0663, 2.4668, 0.3672

Inverse Universe

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



21.8465, 16.2837, 68.3209



25.1231, 15.9187, 96.3562



30.3495, 20.3937, 68.6660



12.3557, 12.6511, 16.4428



7.6124, 3.0941, 39.9344



0.4993, 0.2128, 2.5892

Previews

White Background



This preview shows how the XYZ color 55.5806, 64.8617, 20.6565 looks on a white background.

Color Contrast Check

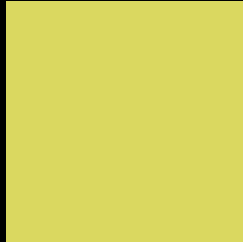
Large Text (above 18pt) WCAG AA × Fail

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 55.5806, 64.8617, 20.6565 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 55.5806, 64.8617, 20.6565

Background



This preview shows how black text looks on a background with the XYZ color 55.5806, 64.8617, 20.6565.



This preview shows how white text looks on a background with the XYZ color 55.5806, 64.8617,

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

55.5806, 64.8617, 20.6565

Protanopia

59.2463, 64.8891, 19.9919

Deuteranopia

65.3967, 64.3413, 26.1119



Tritanopia

66.7752, 64.6493, 75.9770

Trichromacy



Original Color

55.5806, 64.8617, 20.6565

Protanomaly

57.8547, 64.9087, 20.3058

Deuteranomaly

61.5037, 64.1456, 23.8916

Tritanomaly

61.5599, 64.3365, 49.2180

Monochromacy



Original Color

55.5806, 64.8617, 20.6565

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.2691, 61.2020, 44.0221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5806, 64.8617, 20.6565 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(218, 216, 96)` looks like.

```
.text, #text, p{  
    color:rgb(218, 216, 96)  
}
```

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(218, 216, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 216, 96) }
```

Border

The CSS property to change the border of an element to XYZ 55.5806, 64.8617, 20.6565 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(218, 216, 96) }
```


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

```
.border{ border-color:rgb(218, 216, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 216, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 216, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 216, 96);  
box-shadow:4px 4px 4px 4px rgb(218, 216,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5806, 64.8617, 20.6565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 216, 96) }
```

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

```
.background{ background-color: rgb(218,  
216, 96) }
```

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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