

Converting Colors

XYZ(51.1823, 55.4480, 24.2637)

Have a look what the booklet for
XYZ(51.1823, 55.4480, 24.2637)
contains.

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Color

**XYZ(51.1533, 55.3166,
24.2008)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C473
RGB	216, 196, 115
RGB Percent	85%, 77%, 45%
CMY	0.1529, 0.2313, 0.5490
CMYK	0.00, 0.09, 0.47, 0.15
HSL	48°, 56%, 65%
HSV	48°, 47%, 85%
XYZ	51.1533, 55.3166, 24.2008
YIQ	192.7460, 37.9210, -20.9510

Conversions

Conversions Part 2

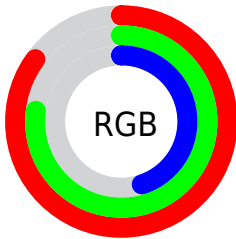
Format	Color
RYB	140, 216, 115
Decimal	14206067
CIELab	79.22, -3.74, 43.03
CIELCh	79, 43.191, 94.965
Yxy	55.3166, 0.3915, 0.4233
Android (android.graphics.Color)	4292396147 (0xFFD8C473)
YUV	192.7460, -38.3288, 20.3938
Hunter-Lab	74.3751, -7.3888, 32.7703

Details

The XYZ color **51.1533, 55.3166, 24.2008** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.1286, 25.9297, 68.4878**, and the grayscale version is **50.7429, 53.3855, 58.1368**.

A 20% lighter version of the original color is **83.1183, 93.7080, 50.7524**, and **25.0459, 27.3860, 8.8165** is the 20% darker color. If you saturate the color by 10%, you get **49.1028, 52.9770, 18.0872**, and if you desaturate by 10%, it is **53.5252, 57.8328, 31.8594**.

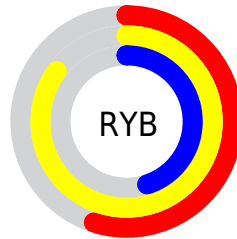
Distribution



Red (85%)

Green (77%)

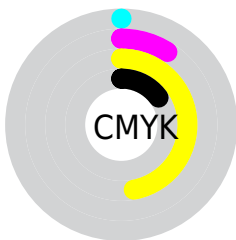
Blue (45%)



Red (55%)

Yellow (85%)

Blue (45%)

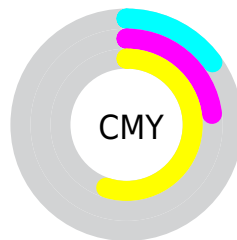


Cyan (0%)

Magenta (9%)

Yellow (47%)

Black (15%)



Cyan (15%)


Magenta (23%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1533, 55.3166, 24.2008 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 51.1533, 55.3166, 24.2008 by changing the saturation by 10% instead.


 51.1533, 55.3166,
24.2008


 51.1533, 55.3166,
24.2008


381.5370,
407.1109, 287.1533

 36.5522, 39.6553,
15.2691


 91.0630, 98.0047,
51.3056

 25.0330, 27.2699,
8.8597


 117.1022,
125.8002, 70.3158

 16.2305, 17.7760,
4.5542


 147.6849,
158.4092, 93.5225

 9.7793, 10.7893,
1.9341

183.1763,
196.2162, 121.3443

 5.3140, 5.9253,
0.5143

223.9419,
239.6054, 154.1997

 2.4693, 2.7997,
0.0000

270.3470,

 0.8798, 1.0281,

288.9614, 192.5073

0.0000

322.7569,
344.6684, 236.6857

■ 0.0000, 0.0000,
0.0000

■ 51.1533, 55.3166,
24.2008

■ 51.1533, 55.3166,
24.2008

■ 49.1028, 52.9770,
18.0872

■ 53.5252, 57.8328,
31.8594

■ 47.3488, 50.7976,
13.4066

■ 56.2334, 60.5258,
41.1580

■ 45.8690, 48.7712,
10.0368


■ 59.2966, 63.4055,
52.1877

■ 44.6361, 46.8864,
7.8342


■ 62.7307, 66.4786,
65.0322


■ 43.6144, 45.1287,
6.6131


■ 66.5508, 69.7515,
79.7694

 43.3083, 44.5779,
6.3218

 70.7710, 73.2302,
96.4729

 73.5482, 76.1778,
105.4351

 74.7251, 78.5316,
105.8274

 75.9312, 80.9438,
106.2295

Harmonies

Analogous

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



59.9180, 55.3166, 26.6113



51.1533, 55.3166, 24.2008



43.6270, 55.3166, 29.0699

Triad

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



51.1533, 55.3166, 24.2008



40.1140, 55.3166, 91.7851



69.0947, 55.3166, 82.6684

Complementary

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



51.1533, 55.3166, 24.2008



28.1286, 25.9297, 68.4878

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.



62.6738, 55.3166, 108.1876



51.1533, 55.3166, 24.2008



45.8611, 55.3166, 114.3813

Square

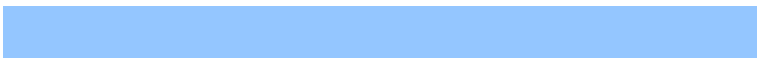
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.1533, 55.3166, 24.2008



37.7140, 55.3166, 64.4388



54.0264, 55.3166, 121.0833



70.9065, 55.3166, 56.2093

Rectangle

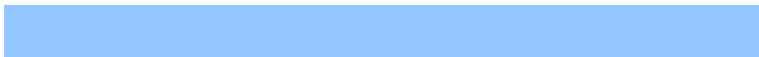
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.1533, 55.3166, 24.2008



40.1237, 55.3166, 36.8553



54.0264, 55.3166, 121.0833



67.3718, 55.3166, 91.8480

Sweetspot

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



51.1546, 55.3192, 24.2019



87.6124, 93.4837, 80.6516



38.8372, 28.6159, 26.4727



18.5284, 19.8053, 16.4343



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.



51.1546, 55.3192, 24.2019



71.5713, 77.2253, 26.5215



47.8274, 60.7510, 25.4257



13.2543, 14.0828, 13.1804



25.7116, 26.5403, 3.7677



1.6052, 1.7097, 0.2454

Inverse Universe

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



28.1286, 25.9297, 68.4878



34.2044, 29.5715, 98.5128



30.2559, 23.2671, 67.8618



11.9397, 12.4028, 15.7022



7.9033, 4.0685, 38.8219



0.5356, 0.3633, 2.3612

Previews

White Background



This preview shows how the XYZ color 51.1533, 55.3166, 24.2008 looks on a white background.

Color Contrast Check

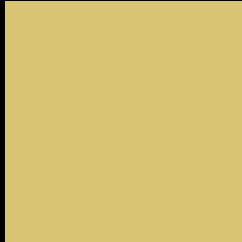
Large Text (above 18pt) WCAG AA × Fail

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 51.1533, 55.3166, 24.2008 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 51.1533, 55.3166, 24.2008

Background



This preview shows how black text looks on a background with the XYZ color 51.1533, 55.3166, 24.2008.



This preview shows how white text looks on a background with the XYZ color 51.1533, 55.3166,

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

51.1533, 55.3166, 24.2008

Protanopia

50.8588, 55.1647, 24.1870

Deuteranopia

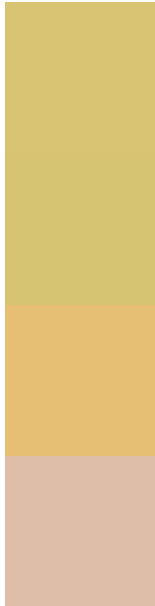
56.2411, 55.0021, 24.4819



Tritanopia

59.0356, 55.2955, 62.2052

Trichromacy



Original Color

51.1533, 55.3166, 24.2008

Protanomaly

50.8588, 55.1647, 24.1870

Deuteranomaly

54.1990, 54.9109, 24.2653

Tritanomaly

55.6991, 55.2211, 45.2592

Monochromacy



Original Color

51.1533, 55.3166, 24.2008

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.1707, 53.7177, 43.3216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1533, 55.3166, 24.2008 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(216, 196, 115)` looks like.

```
.text, #text, p{  
    color:rgb(216, 196, 115)  
}
```

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(216, 196, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 196, 115) }
```

Border

The CSS property to change the border of an element to XYZ 51.1533, 55.3166, 24.2008 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(216, 196, 115) }
```


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

```
.border{ border-color:rgb(216, 196, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 196, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 196, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 196, 115);  
box-shadow:4px 4px 4px 4px rgb(216, 196,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1533, 55.3166, 24.2008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 196, 115) }
```

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

```
.background{ background-color: rgb(216,  
196, 115) }
```

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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