

Converting Colors

XYZ(54.9141, 60.7189, 31.8672)

Have a look what the booklet for
XYZ(54.9141, 60.7189, 31.8672)
contains.

XYZ(54.7634, 60.4908, 31.7112)	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(54.7634, 60.4908,
31.7112)**

Conversions

Conversions Part 1

Format	Color
Hex	D8CE87
RGB	216, 206, 135
RGB Percent	85%, 81%, 53%
CMY	0.1529, 0.1921, 0.4706
CMYK	0.00, 0.05, 0.37, 0.15
HSL	53°, 51%, 69%
HSV	53°, 37%, 85%
XYZ	54.7634, 60.4908, 31.7112
YIQ	200.8960, 28.7510, -19.9610

Conversions

Conversions Part 2

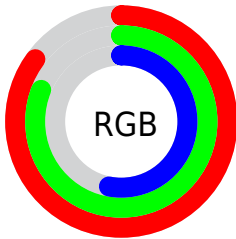
Format	Color
R _{YB}	146, 216, 135
Decimal	14208647
CIE Lab	82.10, -6.80, 36.57
CIE LCh	82, 37.202, 100.540
Yxy	60.4908, 0.3726, 0.4116
Android (android.graphics.Color)	4292398727 (0xFFD8CE87)
YUV	200.8960, -32.4867, 13.2462
Hunter-Lab	77.7758, -10.4226, 30.2690

Details

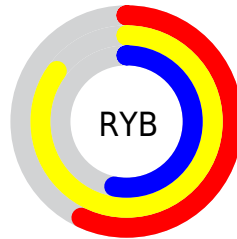
The XYZ color **54.7634, 60.4908, 31.7112** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.5116, 30.3587, 69.1121**, and the grayscale version is **55.6367, 58.5341, 63.7436**.

A 20% lighter version of the original color is **86.1853, 96.4541, 62.2192**, and **27.3257, 30.5701, 12.8479** is the 20% darker color. If you saturate the color by 10%, you get **52.7587, 58.6731, 24.2861**, and if you desaturate by 10%, it is **57.0906, 62.4593, 40.7673**.

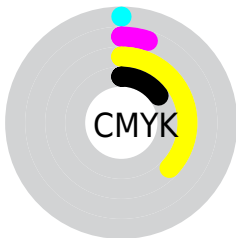
Distribution



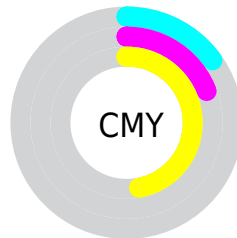
- Red (85%)
- Green (81%)
- Blue (53%)



- Red (57%)
- Yellow (85%)
- Blue (53%)



- Cyan (0%)
- Magenta (5%)
- Yellow (37%)
- Black (15%)





- Cyan (15%)
- Magenta (19%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7634, 60.4908, 31.7112 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 54.7634, 60.4908, 31.7112 by changing the saturation by 10% instead.


 54.7634, 60.4908,
31.7112


 54.7634, 60.4908,
31.7112


395.1655,
426.4045, 324.2537


 39.4454, 43.8144,
20.8780


 96.3446, 105.5413,
63.4507

 27.2887, 30.5246,
12.8445


 123.3384,
134.6842, 85.1941

 17.9279, 20.2371,
7.1921


 154.9550,
168.7513, 111.4113

 10.9976, 12.5675,
3.5023

191.5596,
208.1270, 142.5209

 6.1325, 7.1314,
1.3565

233.5176,
253.1958, 178.9414

 2.9672, 3.5444,
0.1074

281.1943,

 1.1365, 1.4221,

304.3421, 221.0913

0.0000

334.9552,
361.9502, 269.3892

■ 0.0553, 0.2330,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7634, 60.4908,
31.7112

■ 54.7634, 60.4908,
31.7112

■ 52.7587, 58.6731,
24.2861

■ 57.0906, 62.4593,
40.7673

■ 51.0530, 56.9901,
18.3893

■ 59.7530, 64.5771,
51.5413

■ 49.6271, 55.4363,
13.9125

■ 62.7681, 66.8537,
64.1182

■ 48.4573, 54.0021,
10.7314

■ 66.1508, 69.2949,
78.5766

■ 47.5159, 52.6763,
8.7002

■ 69.9151, 71.9066,
94.9902

■ 46.7650, 51.4437,
7.6200

■ 72.4895, 74.0600,
105.0822

■ 46.5913, 51.1437,
7.4161

■ 73.2030, 75.4871,
105.3200

■ 73.9278, 76.9366,
105.5616

■ 74.6638, 78.4087,
105.8069

Harmonies

Analogous

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



62.6998, 60.4908, 32.7981



54.7634, 60.4908, 31.7112



48.1848, 60.4908, 38.0501

Triad

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



54.7634, 60.4908, 31.7112



46.7165, 60.4908, 98.3421



73.0221, 60.4908, 81.4295

Complementary

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



54.7634, 60.4908, 31.7112



32.5116, 30.3587, 69.1121

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.



67.9326, 60.4908, 104.7189



54.7634, 60.4908, 31.7112



52.5860, 60.4908, 115.9255

Square

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



54.7634, 60.4908, 31.7112



43.8292, 60.4908, 74.1378



60.3153, 60.4908, 118.4945



73.7408, 60.4908, 58.2303

Rectangle

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



54.7634, 60.4908, 31.7112



45.2684, 60.4908, 46.7189



60.3153, 60.4908, 118.4945



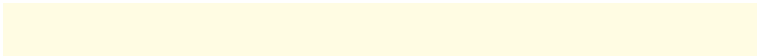
71.7451, 60.4908, 89.6336

Sweetspot

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



54.7649, 60.4936, 31.7125



89.7640, 96.1348, 86.4617



42.1561, 33.9966, 31.4535



19.0835, 20.4792, 17.9644



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.



54.7649, 60.4936, 31.7125



77.4002, 85.9772, 37.4235



49.2521, 61.3379, 32.1660



13.3360, 14.2462, 13.2076



27.6313, 30.3799, 4.4076



1.7041, 1.9075, 0.2784

Inverse Universe

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



32.5116, 30.3587, 69.1121



40.5307, 36.0637, 99.4325



36.5140, 30.2538, 68.8809



11.8649, 12.2531, 15.6773



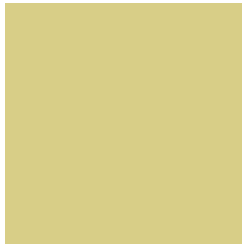
7.6061, 3.4739, 38.7228



0.5006, 0.2931, 2.3495

Previews

White Background



This preview shows how the XYZ color 54.7634, 60.4908, 31.7112 looks on a white background.

Color Contrast Check

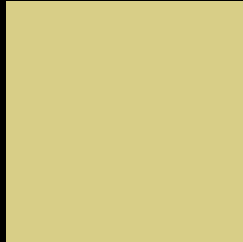
Large Text (above 18pt) WCAG AA × Fail

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 54.7634, 60.4908, 31.7112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

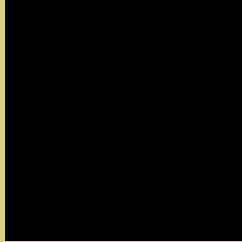
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7634, 60.4908, 31.7112

Background



This preview shows how black text looks on a background with the XYZ color 54.7634, 60.4908, 31.7112.



This preview shows how white text looks on a background with the XYZ color 54.7634, 60.4908,

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

54.7634, 60.4908, 31.7112

Protanopia

56.0201, 60.4366, 31.2671

Deuteranopia

61.6867, 60.2488, 32.0449



Tritanopia

62.6749, 60.2409, 70.6117

Trichromacy



Original Color

54.7634, 60.4908, 31.7112

Protanomaly

55.6496, 60.5995, 31.3181

Deuteranomaly

58.7990, 60.1168, 31.7972

Tritanomaly

59.4302, 60.2988, 53.8539

Monochromacy



Original Color

54.7634, 60.4908, 31.7112

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.7453, 59.0080, 50.0993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7634, 60.4908, 31.7112 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, 206, 135)` looks like.

```
.text, #text, p{  
    color:rgb(216, 206, 135)  
}
```

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, 206, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 206, 135) }
```

Border

The CSS property to change the border of an element to XYZ 54.7634, 60.4908, 31.7112 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, 206, 135) }
```


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

```
.border{ border-color:rgb(216, 206, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 206, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 206, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 206, 135);  
box-shadow:4px 4px 4px 4px rgb(216, 206,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7634, 60.4908, 31.7112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 206, 135) }
```

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

```
.background{ background-color: rgb(216,  
206, 135) }
```

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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