

Converting Colors

XYZ(54.6105, 59.9582, 19.9796)

Have a look what the booklet for
XYZ(54.6105, 59.9582, 19.9796)
contains.

XYZ(54.4910, 59.8961, 19.9984)	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(54.4910, 59.8961,
19.9984)**

Conversions

Conversions Part 1

Format	Color
Hex	E0CC61
RGB	224, 204, 97
RGB Percent	88%, 80%, 38%
CMY	0.1216, 0.2000, 0.6196
CMYK	0.00, 0.09, 0.57, 0.12
HSL	51°, 67%, 63%
HSV	51°, 57%, 88%
XYZ	54.4910, 59.8961, 19.9984
YIQ	197.7820, 46.2670, -29.0370

Conversions

Conversions Part 2

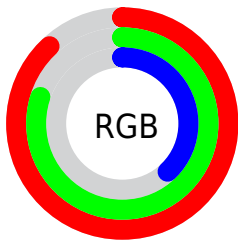
Format	Color
RYB	121, 224, 97
Decimal	14732385
CIELab	81.78, -6.11, 54.90
CIELCh	82, 55.241, 96.346
Yxy	59.8961, 0.4055, 0.4457
Android (android.graphics.Color)	4292922465 (0xFFE0CC61)
YUV	197.7820, -49.6855, 22.9932
Hunter-Lab	77.3926, -9.7577, 38.8541

Details

The XYZ color **54.4910, 59.8961, 19.9984** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.7455, 20.6452, 73.2013**, and the grayscale version is **53.8179, 56.6207, 61.6599**.

A 20% lighter version of the original color is **82.5859, 95.0144, 43.2650**, and **27.0869, 30.1015, 6.7654** is the 20% darker color. If you saturate the color by 10%, you get **52.7623, 57.8808, 14.9769**, and if you desaturate by 10%, it is **56.5364, 62.0729, 26.5814**.

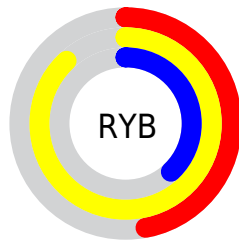
Distribution



Red (88%)

Green (80%)

Blue (38%)



Red (47%)

Yellow (88%)

Blue (38%)

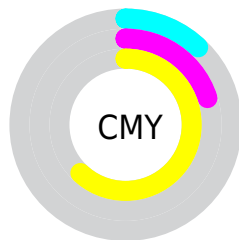


Cyan (0%)

Magenta (9%)

Yellow (57%)

Black (12%)



Cyan (12%)

Magenta (20%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4910, 59.8961, 19.9984 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 54.4910, 59.8961, 19.9984 by changing the saturation by 10% instead.

■ 54.4910, 59.8961,
19.9984

■ 54.4910, 59.8961,
19.9984

394.1475,
424.2147, 264.5104

■ 39.2266, 43.3349,
12.2098

■ 95.9475, 104.6789,
44.2734

■ 27.1176, 30.1480,
6.7625

■ 122.8702,
133.6693, 61.5970

■ 17.7986, 19.9509,
3.2378

■ 154.4098,
167.5716, 82.9359

■ 10.9043, 12.3594,
1.2173

■ 190.9316,
206.7702, 108.7088

■ 6.0693, 6.9889,
0.0000

232.8008,
251.6493, 139.3341

■ 2.9283, 3.4552,
0.0000

280.3830,

■ 1.1160, 1.3737,

302.5935, 175.2305

0.0000

334.0434,
359.9872, 216.8164

■ 0.0384, 0.1972,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4910, 59.8961,
19.9984

■ 54.4910, 59.8961,
19.9984

■ 52.7623, 57.8808,
14.9769

■ 56.5364, 62.0729,
26.5814

■ 51.3203, 56.0081,
11.3786


■ 58.9169, 64.4121,
34.8413


■ 50.1365, 54.2687,
9.0476


■ 61.6545, 66.9249,
44.8864


■ 49.1727, 52.6470,
7.7828


■ 64.7680, 69.6190,
56.8153

 48.8808, 52.1282,
7.4855

 68.2747, 72.5015,
70.7192

 72.1910, 75.5792,
86.6833

 76.5322, 78.8584,
104.7880

 77.7083, 80.9033,
106.1280

 78.7123, 82.9111,
106.4626

Harmonies

Analogous

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



66.3912, 59.8961, 22.3561



54.4910, 59.8961, 19.9984



44.6668, 59.8961, 26.0094

Triad

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



54.4910, 59.8961, 19.9984



40.7360, 59.8961, 111.0666



79.9936, 59.8961, 94.4677

Complementary

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



54.4910, 59.8961, 19.9984



24.7455, 20.6452, 73.2013

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.



71.2531, 59.8961, 131.6798



54.4910, 59.8961, 19.9984



48.4123, 59.8961, 143.3266

Square

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



54.4910, 59.8961, 19.9984



37.4541, 59.8961, 72.5621



59.4396, 59.8961, 151.9341



82.2009, 59.8961, 58.3845

Rectangle

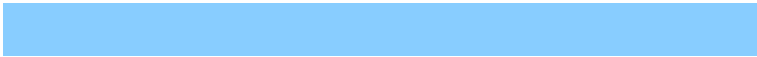
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.4910, 59.8961, 19.9984



40.2554, 59.8961, 35.7500



59.4396, 59.8961, 151.9341



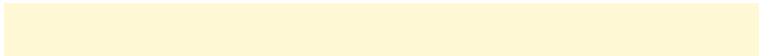
77.6692, 59.8961, 107.5860

Sweetspot

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



54.4924, 59.8989, 19.9996



86.7009, 93.2384, 75.4833



38.2954, 25.7092, 20.1363



18.3687, 19.7965, 15.4233



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.



54.4924, 59.8989, 19.9996



70.4090, 77.1855, 19.0904



48.0263, 64.0788, 21.1472



14.6784, 15.6427, 14.5525



28.5223, 30.4825, 4.3804



2.0271, 2.2130, 0.3203

Inverse Universe

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



24.7455, 20.6452, 73.2013



26.9529, 19.9117, 97.0305



28.4330, 19.4496, 72.7762



13.1254, 13.5900, 17.3190



8.2397, 3.9490, 41.3763



0.6256, 0.3827, 2.8861

Previews

White Background



This preview shows how the XYZ color 54.4910, 59.8961, 19.9984 looks on a white background.

Color Contrast Check

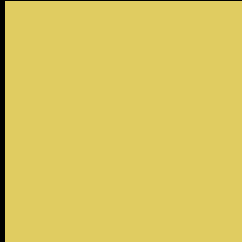
Large Text (above 18pt) WCAG AA × Fail

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 54.4910, 59.8961, 19.9984 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 54.4910, 59.8961, 19.9984

Background



This preview shows how black text looks on a background with the XYZ color 54.4910, 59.8961, 19.9984.



This preview shows how white text looks on a background with the XYZ color 54.4910, 59.8961,

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

54.4910, 59.8961, 19.9984

Protanopia

54.8019, 60.0564, 20.0129

Deuteranopia

61.0164, 59.8277, 20.3886



Tritanopia

64.0438, 59.6967, 67.1786

Trichromacy



Original Color

54.4910, 59.8961, 19.9984

Protanomaly

54.8019, 60.0564, 20.0129

Deuteranomaly

58.7218, 59.9898, 20.2886

Tritanomaly

59.3481, 59.0929, 44.8373

Monochromacy



Original Color

54.4910, 59.8961, 19.9984

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.8194, 57.1472, 41.9648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4910, 59.8961, 19.9984 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(224, 204, 97)` looks like.

```
.text, #text, p{  
    color:rgb(224, 204, 97)  
}
```

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(224, 204, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 204, 97) }
```

Border

The CSS property to change the border of an element to XYZ 54.4910, 59.8961, 19.9984 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(224, 204, 97) }
```


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

```
.border{ border-color:rgb(224, 204, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 204, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 204, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 204, 97);  
box-shadow:4px 4px 4px 4px rgb(224, 204,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4910, 59.8961, 19.9984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 204, 97) }
```

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

```
.background{ background-color: rgb(224,  
204, 97) }
```

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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