

Converting Colors

XYZ(53.6600, 61.1205, 17.9410)

Have a look what the booklet for
XYZ(53.6600, 61.1205, 17.9410)
contains.

XYZ(53.4896, 60.8599, 17.9448)	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(53.4896, 60.8599,
17.9448)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD057
RGB	219, 208, 87
RGB Percent	86%, 82%, 34%
CMY	0.1412, 0.1843, 0.6588
CMYK	0.00, 0.05, 0.60, 0.14
HSL	55°, 65%, 60%
HSV	55°, 60%, 86%
XYZ	53.4896, 60.8599, 17.9448
YIQ	197.4950, 45.3970, -35.2990

Conversions

Conversions Part 2

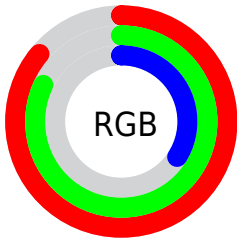
Format	Color
R _Y B	99, 219, 87
Decimal	14405719
CIE Lab	82.30, -10.91, 59.83
CIE LCh	82, 60.822, 100.338
Yxy	60.8599, 0.4043, 0.4600
Android (android.graphics.Color)	4292595799 (0xFFDBD057)
YUV	197.4950, -54.4740, 18.8599
Hunter-Lab	78.0128, -14.1334, 40.9708

Details

The XYZ color **53.4896, 60.8599, 17.9448** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **21.0844, 15.8758, 68.9706**, and the grayscale version is **53.6720, 56.4671, 61.4927**.

A 20% lighter version of the original color is **81.8077, 94.7031, 39.1671**, and **26.4879, 30.7820, 5.7738** is the 20% darker color. If you saturate the color by 10%, you get **52.2855, 59.6730, 13.7791**, and if you desaturate by 10%, it is **54.9730, 62.1712, 23.5437**.

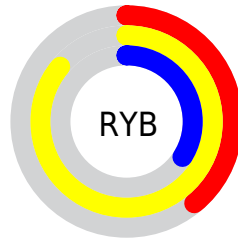
Distribution



Red (86%)

Green (82%)

Blue (34%)



Red (39%)

Yellow (86%)

Blue (34%)

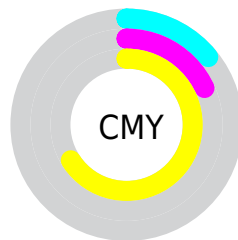


Cyan (0%)

Magenta (5%)

Yellow (60%)

Black (14%)



Cyan (14%)


Magenta (18%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4896, 60.8599, 17.9448 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 53.4896, 60.8599, 17.9448 by changing the saturation by 10% instead.


 53.4896, 60.8599,
17.9448


 53.4896, 60.8599,
17.9448


390.3909,
427.7601, 252.7854

 38.4228, 44.1121,
10.7413


 94.4857, 106.0761,
40.7559


 26.4897, 30.7587,
5.7812


 121.1457,
135.3132, 57.2006

 17.3249, 20.4151,
2.6459

 152.4009,
169.4823, 77.5629

 10.5632, 12.6972,
0.9160

 188.6165,
208.9677, 102.2611

 5.8390, 7.2204,
0.0000

230.1580,
254.1537, 131.7140

 2.7872, 3.6003,
0.0000

277.3906,

 1.0422, 1.4526,

305.4249, 166.3399

0.0000

330.6798,
363.1656, 206.5576

0.0000, 0.2550,
0.0000

0.0000, 0.0000,
0.0000

53.4896, 60.8599,
17.9448

53.4896, 60.8599,
17.9448

52.2855, 59.6730,
13.7791

54.9730, 62.1712,
23.5437

51.3311, 58.5919,
10.9091

56.7538, 63.6074,
30.6893

50.5975, 57.6072,
9.1769

58.8532, 65.1794,
39.4878

50.0439, 56.7211,
8.3107

61.2897, 66.8944,
50.0352

■ 64.0799, 68.7592,
62.4201

■ 67.2395, 70.7800,
76.7249

■ 70.7834, 72.9630,
93.0272

■ 73.5437, 74.8408,
105.1773

■ 74.0325, 75.8185,
105.3402

Harmonies

Analogous

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



66.6385, 60.8599, 19.2308



53.4896, 60.8599, 17.9448



43.1733, 60.8599, 25.4058

Triad

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



53.4896, 60.8599, 17.9448



40.8598, 60.8599, 124.0010



84.6167, 60.8599, 93.2855

Complementary

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



53.4896, 60.8599, 17.9448



21.0844, 15.8758, 68.9706

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.



75.5141, 60.8599, 136.8755



53.4896, 60.8599, 17.9448



49.8622, 60.8599, 158.7065

Square

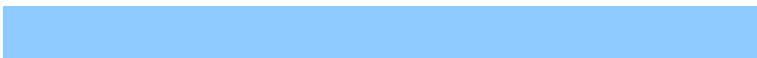
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.4896, 60.8599, 17.9448



36.6375, 60.8599, 79.9101



62.4317, 60.8599, 164.1406



85.9745, 60.8599, 54.2709

Rectangle

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



53.4896, 60.8599, 17.9448



38.7875, 60.8599, 36.8595



62.4317, 60.8599, 164.1406



82.3034, 60.8599, 108.2127

Sweetspot

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



53.4910, 60.8627, 17.9460



87.3135, 94.9734, 74.1163



34.8266, 22.7589, 14.1135



18.4551, 20.1687, 14.8378



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.



53.4910, 60.8627, 17.9460



73.4644, 83.8685, 18.3450



42.3620, 59.2437, 18.2201



14.0646, 15.0686, 13.8928



29.7130, 33.7116, 4.9409



1.9529, 2.2399, 0.3294

Inverse Universe

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



21.0844, 15.8758, 68.9706



24.0613, 15.3414, 96.3008



27.3503, 17.6824, 68.9891



12.4254, 12.7906, 16.4661



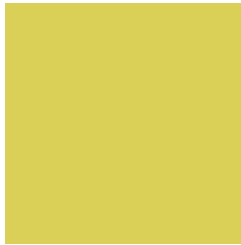
7.7447, 3.3587, 39.9785



0.5327, 0.2795, 2.6003

Previews

White Background



This preview shows how the XYZ color 53.4896, 60.8599, 17.9448 looks on a white background.

Color Contrast Check

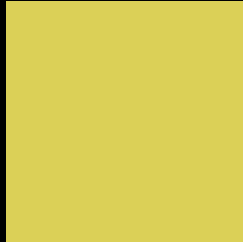
Large Text (above 18pt) WCAG AA × Fail

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 53.4896, 60.8599, 17.9448 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 53.4896, 60.8599, 17.9448

Background



This preview shows how black text looks on a background with the XYZ color 53.4896, 60.8599, 17.9448.



This preview shows how white text looks on a background with the XYZ color 53.4896, 60.8599,

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

53.4896, 60.8599, 17.9448

Protanopia

55.5059, 60.8285, 17.6197

Deuteranopia

61.9114, 60.6682, 18.3446



Tritanopia

63.7811, 60.5064, 69.2900

Trichromacy



Original Color

53.4896, 60.8599, 17.9448

Protanomaly

54.8024, 60.8221, 17.6555

Deuteranomaly

58.7754, 60.7475, 18.3005

Tritanomaly

58.8098, 60.1939, 44.1163

Monochromacy



Original Color

53.4896, 60.8599, 17.9448

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.1493, 57.1867, 40.1879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4896, 60.8599, 17.9448 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(219, 208, 87)` looks like.

```
.text, #text, p{  
    color:rgb(219, 208, 87)  
}
```

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(219, 208, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 208, 87) }
```

Border

The CSS property to change the border of an element to XYZ 53.4896, 60.8599, 17.9448 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(219, 208, 87) }
```


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

```
.border{ border-color:rgb(219, 208, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 208, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 208, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 208, 87);  
box-shadow:4px 4px 4px 4px rgb(219, 208,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4896, 60.8599, 17.9448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 208, 87) }
```

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

```
.background{ background-color: rgb(219,  
208, 87) }
```

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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