

Converting Colors

XYZ(53.8996, 61.5709, 28.4456)

Have a look what the booklet for
XYZ(53.8996, 61.5709, 28.4456)
contains.

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Color

**XYZ(53.8996, 61.5709,
28.4456)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D27D
RGB	212, 210, 125
RGB Percent	83%, 82%, 49%
CMY	0.1686, 0.1764, 0.5098
CMYK	0.00, 0.01, 0.41, 0.17
HSL	59°, 50%, 66%
HSV	59°, 41%, 83%
XYZ	53.8996, 61.5709, 28.4456
YIQ	200.9080, 28.4770, -26.0110

Conversions

Conversions Part 2

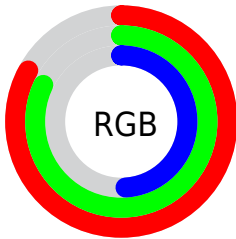
Format	Color
RYB	127, 212, 125
Decimal	13947517
CIELab	82.68, -11.51, 42.29
CIELCh	83, 43.829, 105.220
Yxy	61.5709, 0.3745, 0.4278
Android (android.graphics.Color)	4292137597 (0xFFD4D27D)
YUV	200.9080, -37.4226, 9.7277
Hunter-Lab	78.4671, -14.7046, 33.4334

Details

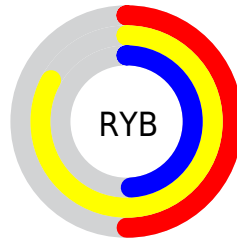
The XYZ color **53.8996, 61.5709, 28.4456** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **27.9304, 24.2915, 65.5038**, and the grayscale version is **55.6739, 58.5732, 63.7863**.

A 20% lighter version of the original color is **85.1367, 96.0347, 56.6972**, and **26.8348, 31.3393, 11.1133** is the 20% darker color. If you saturate the color by 10%, you get **52.5682, 60.8489, 22.0185**, and if you desaturate by 10%, it is **55.5235, 62.4149, 36.3976**.

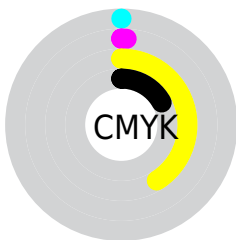
Distribution



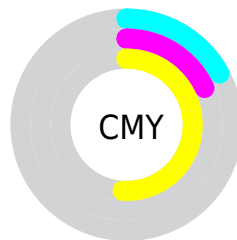
- Red (83%)
- Green (82%)
- Blue (49%)



- Red (50%)
- Yellow (83%)
- Blue (49%)



- Cyan (0%)
- Magenta (1%)
- Yellow (41%)
- Black (17%)



- Cyan (17%)
- Magenta (18%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8996, 61.5709, 28.4456 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 53.8996, 61.5709, 28.4456 by changing the saturation by 10% instead.

■ 53.8996, 61.5709,
28.4456

■ 53.8996, 61.5709,
28.4456

391.9316,
430.3641, 308.5687

■ 38.7517, 44.6861,
18.4199

■ 95.0846, 107.1051,
58.2267

■ 26.7465, 31.2102,
11.0793

■ 121.8524,
136.5233, 78.8192

■ 17.5185, 20.7590,
6.0054

■ 153.2243,
170.8880, 103.7710

■ 10.7025, 12.9479,
2.7795

189.5655,
210.5838, 133.5006

■ 5.9330, 7.3927,
0.9832

231.2416,
255.9948, 168.4267

■ 2.8446, 3.7089,
0.0000

278.6177,

■ 1.0721, 1.5121,

307.5057, 208.9677

0.0000

332.0592,
365.5006, 255.5422

■ 0.0016, 0.2972,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.8996, 61.5709,
28.4456

■ 53.8996, 61.5709,
28.4456

■ 52.5682, 60.8489,
22.0185

■ 55.5235, 62.4149,
36.3976

■ 51.5061, 60.2329,
17.0148


■ 57.4523, 63.3793,
45.9599


■ 50.6942, 59.7177,
13.3267


■ 59.7031, 64.4730,
57.2160

■ 50.1087, 59.2935,
10.8294


■ 62.2904, 65.7019,
70.2424


 49.7215, 58.9493,
9.3740


 65.2279, 67.0715,
85.1112

 49.4982, 58.6907,
8.7196

 68.5285, 68.5870,
101.8904

 69.0981, 69.0106,
104.2863

 69.2208, 69.2560,
104.3272

 69.3439, 69.5022,
104.3682

Harmonies

Analogous

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



63.2586, 61.5709, 28.3876



53.8996, 61.5709, 28.4456



46.5971, 61.5709, 36.7683

Triad

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



53.8996, 61.5709, 28.4456



46.6814, 61.5709, 110.9481



77.8131, 61.5709, 81.1447

Complementary

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



53.8996, 61.5709, 28.4456



27.9304, 24.2915, 65.5038

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.



72.3238, 61.5709, 110.5554



53.8996, 61.5709, 28.4456



54.0266, 61.5709, 130.6470

Square

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



53.8996, 61.5709, 28.4456



42.7439, 61.5709, 81.5815



63.3999, 61.5709, 130.4866



77.7697, 61.5709, 54.3385

Rectangle

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



53.8996, 61.5709, 28.4456



43.5857, 61.5709, 47.5856



63.3999, 61.5709, 130.4866



76.5299, 61.5709, 91.1839

Sweetspot

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



53.9011, 61.5737, 28.4469



90.2855, 97.7369, 84.9123



38.3751, 30.2208, 24.1990



19.2236, 20.8709, 17.6674



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.



53.9011, 61.5737, 28.4469



80.1258, 92.5793, 34.7832



44.1273, 57.2706, 28.1314



13.4473, 14.4688, 13.2447



30.5685, 36.2543, 5.3867



1.8517, 2.2025, 0.3275

Inverse Universe

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



27.9304, 24.2915, 65.5038



35.6394, 28.7213, 98.2731



34.8600, 27.4853, 65.7550



11.7652, 12.0538, 15.6440



7.3789, 3.0196, 38.6471



0.4533, 0.1986, 2.3337

Previews

White Background



This preview shows how the XYZ color 53.8996, 61.5709, 28.4456 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 53.8996, 61.5709, 28.4456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

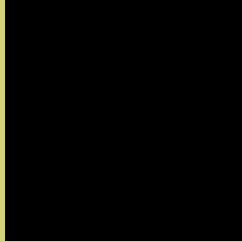
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8996, 61.5709, 28.4456

Background



This preview shows how black text looks on a background with the XYZ color 53.8996, 61.5709, 28.4456.



This preview shows how white text looks on a background with the XYZ color 53.8996, 61.5709,

28.4456.

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

53.8996, 61.5709, 28.4456

Protanopia

56.6978, 61.5802, 27.6368

Deuteranopia

62.7031, 61.1781, 28.9258



Tritanopia

62.8134, 61.2827, 72.8081

Trichromacy



Original Color

53.8996, 61.5709, 28.4456

Protanomaly

55.4661, 61.2965, 27.9768

Deuteranomaly

59.3095, 61.1385, 28.7536

Tritanomaly

58.7129, 60.9947, 52.9346

Monochromacy



Original Color

53.8996, 61.5709, 28.4456

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.3125, 59.1820, 48.0959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8996, 61.5709, 28.4456 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(212, 210, 125)` looks like.

```
.text, #text, p{  
    color:rgb(212, 210, 125)  
}
```

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(212, 210, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 210, 125) }
```

Border

The CSS property to change the border of an element to XYZ 53.8996, 61.5709, 28.4456 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(212, 210, 125) }
```


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

```
.border{ border-color:rgb(212, 210, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 210, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 210, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 210, 125);  
box-shadow:4px 4px 4px 4px rgb(212, 210,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8996, 61.5709, 28.4456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 210, 125) }
```

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

```
.background{ background-color: rgb(212,  
210, 125) }
```

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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