

Converting Colors

XYZ(52.8678, 60.4156, 41.6376)

Have a look what the booklet for
XYZ(52.8678, 60.4156, 41.6376)
contains.

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Color

**XYZ(52.8779, 60.3835,
41.6691)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D19F
RGB	200, 209, 159
RGB Percent	78%, 82%, 62%
CMY	0.2157, 0.1804, 0.3765
CMYK	0.04, 0.00, 0.24, 0.18
HSL	71°, 35%, 72%
HSV	71°, 24%, 82%
XYZ	52.8779, 60.3835, 41.6691
YIQ	200.6090, 10.6860, -17.4580

Conversions

Conversions Part 2

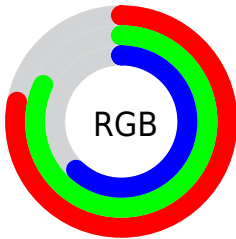
Format	Color
RYB	159, 209, 168
Decimal	13160863
CIELab	82.05, -11.39, 23.84
CIELCh	82, 26.419, 115.528
Yxy	60.3835, 0.3413, 0.3897
Android (android.graphics.Color)	4291350943 (0xFFC8D19F)
YUV	200.6090, -20.5132, -0.5341
Hunter-Lab	77.7068, -14.5213, 22.6014

Details

The XYZ color **52.8779, 60.3835, 41.6691** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.0576, 37.7262, 65.4956**, and the grayscale version is **55.3949, 58.2798, 63.4667**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **26.2292, 30.6152, 18.4368** is the 20% darker color. If you saturate the color by 10%, you get **50.2231, 59.2089, 32.8647**, and if you desaturate by 10%, it is **55.8673, 61.6989, 52.0924**.

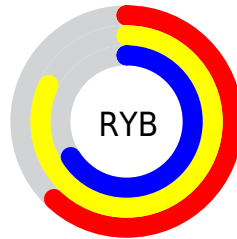
Distribution



Red (78%)

Green (82%)

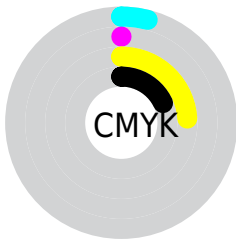
Blue (62%)



Red (62%)

Yellow (82%)

Blue (66%)

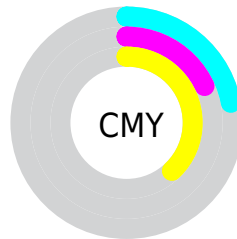


Cyan (4%)

Magenta (0%)

Yellow (24%)

Black (18%)



Cyan (22%)


Magenta (18%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8779, 60.3835, 41.6691 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 52.8779, 60.3835, 41.6691 by changing the saturation by 10% instead.


 52.8779, 60.3835,
41.6691


 52.8779, 60.3835,
41.6691


388.0850,
426.0099, 368.8685

 37.9324, 43.7278,
28.5186


 93.5913, 105.3858,
78.9632

 26.1072, 30.4566,
18.4745


 120.0898,
134.5012, 103.9440

 17.0370, 20.1854,
11.1183


151.1701,
168.5386, 133.7053

 10.3563, 12.5299,
6.0313

187.1975,
207.8824, 168.6657

 5.6999, 7.1056,
2.7950

228.5373,
252.9171, 209.2436

 2.7024, 3.5283,
0.9909

275.5550,

 0.9984, 1.4133,

304.0270, 255.8577

0.0000

328.6157,
361.5964, 308.9265

0.0000, 0.2265,
0.0000

0.0000, 0.0000,
0.0000

52.8779, 60.3835,
41.6691

52.8779, 60.3835,
41.6691

50.2231, 59.2089,
32.8647

55.8673, 61.6989,
52.0924

47.8826, 58.1609,
25.5941

59.2011, 63.1528,
64.2063

45.8411, 57.2352,
19.7704

62.8945, 64.7535,
78.0828

44.0799, 56.4245,
15.2963

66.9603, 66.5061,
93.7885

■ 42.5781, 55.7203,
12.0628

■ 70.0109, 67.8555,
104.0152

■ 41.3115, 55.1129,
9.9437

■ 71.1549, 68.4453,
104.0687

■ 40.2510, 54.5907,
8.7863

■ 72.3247, 69.0484,
104.1235

■ 39.6765, 54.3027,
8.3903

■ 73.5204, 69.6648,
104.1794

■ 74.7423, 70.2947,
104.2366

Harmonies

Analogous

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



58.2360, 60.3835, 39.5547



52.8779, 60.3835, 41.6691



48.9686, 60.3835, 49.7976

Triad

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



52.8779, 60.3835, 41.6691



51.5135, 60.3835, 94.5757



68.8063, 60.3835, 68.1802

Complementary

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



52.8779, 60.3835, 41.6691



40.0576, 37.7262, 65.4956

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.



66.7315, 60.3835, 84.7840



52.8779, 60.3835, 41.6691



56.5576, 60.3835, 101.5170

Square

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



52.8779, 60.3835, 41.6691



48.2175, 60.3835, 79.9470



62.1575, 60.3835, 97.6716



67.6638, 60.3835, 53.3373

Rectangle

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



52.8779, 60.3835, 41.6691



47.5887, 60.3835, 58.3407



62.1575, 60.3835, 97.6716



68.4584, 60.3835, 73.7558

Sweetspot

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



52.8795, 60.3862, 41.6704



91.1353, 98.2986, 94.4059



46.4344, 43.8199, 38.8125



19.4373, 21.0097, 19.9531



0.0000, 0.0000, 0.0000



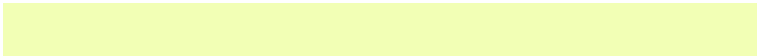
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.8795, 60.3862, 41.6704



80.6149, 93.6795, 57.5761



46.8898, 57.2984, 41.3901



12.5859, 13.6855, 12.5903



24.5381, 33.5188, 5.1765



1.4278, 1.9029, 0.2920

Inverse Universe

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



40.0576, 37.7262, 65.4956



56.9265, 51.8060, 101.6070



45.7315, 40.6512, 65.7611



11.3594, 11.5186, 14.8683



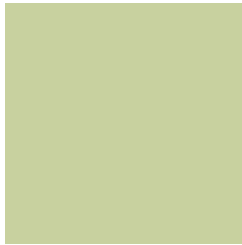
7.6403, 3.1190, 37.3918



0.4887, 0.2061, 2.0936

Previews

White Background



This preview shows how the XYZ color 52.8779, 60.3835, 41.6691 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 52.8779, 60.3835, 41.6691 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

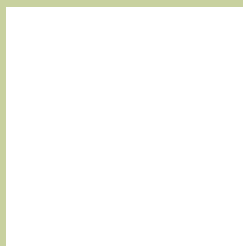
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8779, 60.3835, 41.6691

Background



This preview shows how black text looks on a background with the XYZ color 52.8779, 60.3835, 41.6691.



This preview shows how white text looks on a background with the XYZ color 52.8779, 60.3835,

41.6691.

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

52.8779, 60.3835, 41.6691

Protanopia

56.5921, 60.5255, 40.5982

Deuteranopia

61.5214, 60.2656, 42.5723



Tritanopia

59.4235, 60.1929, 74.1321

Trichromacy



Original Color

52.8779, 60.3835, 41.6691

Protanomaly

55.1068, 60.4601, 41.1133

Deuteranomaly

58.0601, 60.1938, 42.2767

Tritanomaly

56.7335, 60.1504, 60.8446

Monochromacy



Original Color

52.8779, 60.3835, 41.6691

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.5432, 59.1484, 54.9964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8779, 60.3835, 41.6691 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(200, 209, 159)` looks like.

```
.text, #text, p{  
    color:rgb(200, 209, 159)  
}
```

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(200, 209, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 209, 159) }
```

Border

The CSS property to change the border of an element to XYZ 52.8779, 60.3835, 41.6691 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(200, 209, 159) }
```


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

```
.border{ border-color:rgb(200, 209, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 209, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 209, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 209, 159);  
box-shadow:4px 4px 4px 4px rgb(200, 209,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8779, 60.3835, 41.6691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 209, 159) }
```

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

```
.background{ background-color: rgb(200,  
209, 159) }
```

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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