

Converting Colors

XYZ(52.3292, 58.2529, 61.2370)

Have a look what the booklet for
XYZ(52.3292, 58.2529, 61.2370)
contains.

XYZ(52.4029, 58.2587, 61.3064)	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(52.4029, 58.2587,
61.3064)**

Conversions

Conversions Part 1

Format	Color
Hex	BBCDC5
RGB	187, 205, 197
RGB Percent	73%, 80%, 77%
CMY	0.2667, 0.1961, 0.2274
CMYK	0.09, 0.00, 0.04, 0.20
HSL	153°, 15%, 77%
HSV	153°, 9%, 80%
XYZ	52.4029, 58.2587, 61.3064
YIQ	198.7060, -8.1600, -6.3040

Conversions

Conversions Part 2

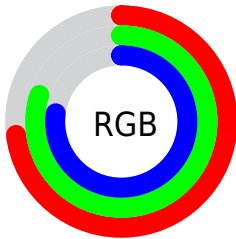
Format	Color
RYB	187, 199, 205
Decimal	12307909
CIELab	80.88, -7.60, 1.89
CIELCh	81, 7.835, 166.052
Yxy	58.2587, 0.3047, 0.3388
Android (android.graphics.Color)	4290497989 (0xFFBBCDC5)
YUV	198.7060, -0.8411, -10.2662
Hunter-Lab	76.3274, -11.0230, 5.8073

Details

The XYZ color **52.4029, 58.2587, 61.3064** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.7997, 52.4614, 58.9758**, and the grayscale version is **54.1164, 56.9347, 62.0018**.

A 20% lighter version of the original color is **90.6115, 97.7304, 107.8541**, and **25.8561, 29.1847, 30.2571** is the 20% darker color. If you saturate the color by 10%, you get **46.7286, 55.4522, 55.7541**, and if you desaturate by 10%, it is **58.8596, 61.4645, 67.2273**.

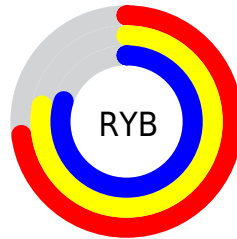
Distribution



Red (73%)

Green (80%)

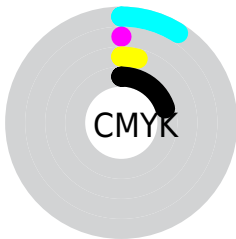
Blue (77%)



Red (73%)

Yellow (78%)

Blue (80%)

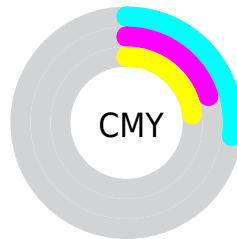


Cyan (9%)

Magenta (0%)

Yellow (4%)

Black (20%)



Cyan (27%)

Magenta (20%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4029, 58.2587, 61.3064 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 52.4029, 58.2587, 61.3064 by changing the saturation by 10% instead.

■ 52.4029, 58.2587,
61.3064

■ 52.4029, 58.2587,
61.3064

386.2885,
418.1492, 447.3342

■ 37.5519, 42.0167,
44.0403

■ 92.8959, 102.2995,
108.2843

■ 25.8107, 29.1143,
30.3648

119.2685,
130.8670, 138.8332

■ 16.8140, 19.1673,
19.8612

150.2125,
164.3119, 174.6468

■ 10.1965, 11.7913,
12.1111

186.0930,
203.0184, 216.1437

■ 5.5927, 6.6017,
6.6960

227.2756,
247.3710, 263.7423

■ 2.6373, 3.2143,
3.1971

274.1254,

■ 0.9650, 1.2446,

297.7541, 317.8612

1.1962

327.0079,
354.5520, 378.9190

■ 0.0000, 0.0977,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.4029, 58.2587,
61.3064

■ 52.4029, 58.2587,
61.3064

■ 46.7286, 55.4522,
55.7541

■ 58.8596, 61.4645,
67.2273

■ 41.8005, 53.0215,
50.5594

■ 66.1232, 65.0773,
73.5200

■ 37.5868, 50.9521,
45.7160

■ 74.2234, 69.1138,
80.1926

■ 34.0513, 49.2254,
41.2162

■ 77.8456, 70.8342,
87.0017

■ 31.1547, 47.8213,
37.0517

■ 79.1850, 71.3699,
94.0552

■ 28.8533, 46.7175,
33.2142

■ 80.5928, 71.9330,
101.4684

■ 27.0977, 45.8885,
29.6946

■ 81.1225, 72.1449,
104.2575

■ 25.8298, 45.3046,
26.4832

■ 24.9571, 44.9184,
23.5684

Harmonies

Analogous

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



53.1592, 58.2587, 57.4382



52.4029, 58.2587, 61.3064



52.4315, 58.2587, 65.9343

Triad

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



52.4029, 58.2587, 61.3064



56.2395, 58.2587, 72.4049



57.5646, 58.2587, 57.2216

Complementary

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



52.4029, 58.2587, 61.3064



52.7997, 52.4614, 58.9758

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.



58.4229, 58.2587, 60.9974



52.4029, 58.2587, 61.3064



57.6477, 58.2587, 69.8328

Square

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



52.4029, 58.2587, 61.3064



54.6252, 58.2587, 72.4976



58.4536, 58.2587, 65.6099



56.1278, 58.2587, 55.1589

Rectangle

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



52.4029, 58.2587, 61.3064



52.8912, 58.2587, 68.8336



58.4536, 58.2587, 65.6099



57.9315, 58.2587, 58.3240

Sweetspot

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



52.4045, 58.2612, 61.3077



91.7485, 98.3607, 105.9127



53.3345, 58.8686, 55.5663



19.4535, 20.9617, 22.5008



0.0000, 0.0000, 0.0000



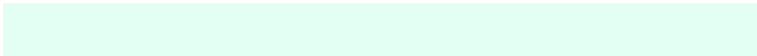
20.3446, 21.4041, 23.3091

Same Dimension

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



52.4045, 58.2612, 61.3077



83.5296, 94.2855, 98.2191



53.1316, 58.2084, 66.1956



11.3245, 12.6395, 13.2662



15.5255, 27.9555, 14.7180



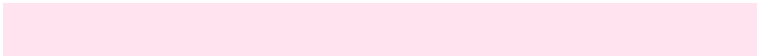
0.8388, 1.4573, 0.9586

Inverse Universe

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



52.7997, 52.4614, 58.9758



84.3375, 82.4276, 93.4518



52.1102, 52.4922, 54.4001



11.4161, 11.2952, 12.7257



16.8989, 8.5702, 7.1864



0.9098, 0.4573, 0.5708

Previews

White Background



This preview shows how the XYZ color 52.4029, 58.2587, 61.3064 looks on a white background.

Color Contrast Check

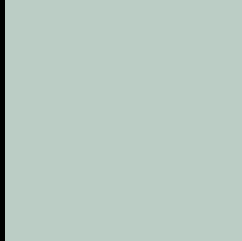
Large Text (above 18pt) WCAG AA × Fail

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 52.4029, 58.2587, 61.3064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

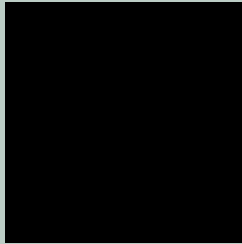
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

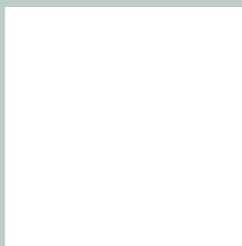
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.4029, 58.2587, 61.3064

Background



This preview shows how black text looks on a background with the XYZ color 52.4029, 58.2587, 61.3064.

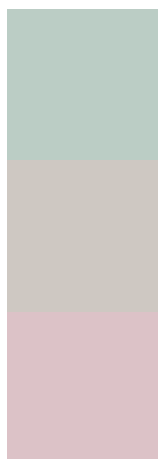


This preview shows how white text looks on a background with the XYZ color 52.4029, 58.2587,

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

52.4029, 58.2587, 61.3064

Protanopia

55.8455, 58.3254, 59.3535

Deuteranopia

59.1158, 57.9227, 62.0973



Tritanopia

55.0106, 58.2502, 74.6737

Trichromacy



Original Color

52.4029, 58.2587, 61.3064

Protanomaly

54.5240, 58.3233, 60.0136

Deuteranomaly

56.3996, 57.8753, 61.6246

Tritanomaly

53.9751, 58.1838, 69.3586

Monochromacy



Original Color

52.4029, 58.2587, 61.3064

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.5854, 57.4526, 61.6913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4029, 58.2587, 61.3064 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(187, 205, 197)` looks like.

```
.text, #text, p{  
    color:rgb(187, 205, 197)  
}
```

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(187, 205, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 205, 197) }
```

Border

The CSS property to change the border of an element to XYZ 52.4029, 58.2587, 61.3064 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(187, 205, 197) }
```


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

```
.border{ border-color:rgb(187, 205, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 205, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 205, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 205, 197);  
box-shadow:4px 4px 4px 4px rgb(187, 205,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4029, 58.2587, 61.3064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 205, 197) }
```

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

```
.background{ background-color: rgb(187,  
205, 197) }
```

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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