

Converting Colors

XYZ(51.8757, 58.2771, 60.4843)

Have a look what the booklet for
XYZ(51.8757, 58.2771, 60.4843)
contains.

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Color

**XYZ(52.0427, 58.4424,
60.7621)**

Conversions

Conversions Part 1

Format	Color
Hex	B9CEC4
RGB	185, 206, 196
RGB Percent	73%, 81%, 77%
CMY	0.2745, 0.1921, 0.2314
CMYK	0.10, 0.00, 0.05, 0.19
HSL	151°, 18%, 77%
HSV	151°, 10%, 81%
XYZ	52.0427, 58.4424, 60.7621
YIQ	198.5810, -9.3060, -7.5620

Conversions

Conversions Part 2

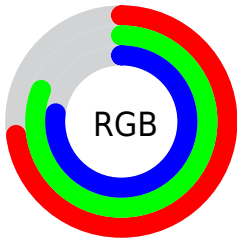
Format	Color
R _Y B	185, 199, 206
Decimal	12177092
CIE Lab	80.98, -8.98, 2.55
CIE LCh	81, 9.340, 164.130
Yxy	58.4424, 0.3039, 0.3413
Android (android.graphics.Color)	4290367172 (0xFFB9CEC4)
YUV	198.5810, -1.2724, -11.9105
Hunter-Lab	76.4476, -12.2672, 6.3885

Details

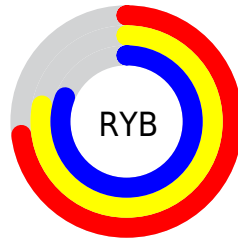
The XYZ color **52.0427, 58.4424, 60.7621** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6550, 51.7614, 58.8483**, and the grayscale version is **54.0431, 56.8576, 61.9179**.

A 20% lighter version of the original color is **89.7653, 97.3126, 106.9806**, and **25.6264, 29.3150, 29.8989** is the 20% darker color. If you saturate the color by 10%, you get **46.3483, 55.6333, 54.8559**, and if you desaturate by 10%, it is **58.5335, 61.6569, 67.0893**.

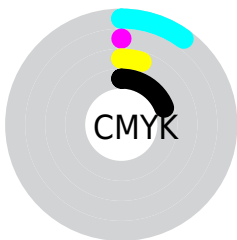
Distribution



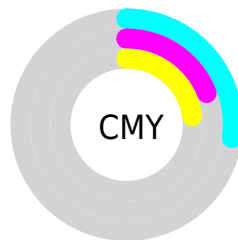
- Red (73%)
- Green (81%)
- Blue (77%)



- Red (73%)
- Yellow (78%)
- Blue (81%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)



- Cyan (27%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0427, 58.4424, 60.7621 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 52.0427, 58.4424, 60.7621 by changing the saturation by 10% instead.

■ 52.0427, 58.4424,
60.7621

■ 52.0427, 58.4424,
60.7621

384.9227,
418.8324, 445.2836

■ 37.2635, 42.1644,
43.6039

■ 92.3681, 102.5668,
107.4886

■ 25.5862, 29.2301,
30.0243

118.6450,
131.1820, 137.8939

■ 16.6454, 19.2549,
19.6048

149.4851,
164.6785, 173.5521

■ 10.0757, 11.8546,
11.9269

185.2539,
203.4405, 214.8815

■ 5.5118, 6.6448,
6.5720

226.3168,
247.8525, 262.3009

■ 2.5884, 3.2409,
3.1215

273.0389,

■ 0.9400, 1.2588,

298.2989, 316.2286

1.1570

325.7858,
355.1641, 377.0834

■ 0.0000, 0.1089,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.0427, 58.4424,
60.7621

■ 52.0427, 58.4424,
60.7621

■ 46.3483, 55.6333,
54.8559

■ 58.5335, 61.6569,
67.0893

■ 41.4132, 53.2058,
49.3581

■ 65.8461, 65.2848,
73.8421

■ 37.2046, 51.1446,
44.2609

■ 74.0108, 69.3432,
81.0299

■ 33.6851, 49.4307,
39.5549

■ 78.3435, 71.4172,
88.4402

■ 30.8141, 48.0435,
35.2302

■ 79.8027, 72.0009,
96.1244

■ 28.5464, 46.9596,
31.2766

■ 81.3414, 72.6164,
104.2270

■ 26.8306, 46.1528,
27.6831

■ 81.3624, 72.6248,
104.3375

■ 25.6059, 45.5920,
24.4380

■ 24.7734, 45.2252,
21.5805

Harmonies

Analogous

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



52.9953, 58.4424, 56.2827



52.0427, 58.4424, 60.7621



52.0147, 58.4424, 66.2726

Triad

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



52.0427, 58.4424, 60.7621



56.4617, 58.4424, 74.5450



58.2634, 58.4424, 56.4940

Complementary

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



52.0427, 58.4424, 60.7621



52.6550, 51.7614, 58.8483

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.



59.2373, 58.4424, 61.0660



52.0427, 58.4424, 60.7621



58.1808, 58.4424, 71.5987

Square

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



52.0427, 58.4424, 60.7621



54.5358, 58.4424, 74.4519



59.2067, 58.4424, 66.5947



56.5722, 58.4424, 53.9180

Rectangle

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



52.0427, 58.4424, 60.7621



52.5223, 58.4424, 69.8063



59.2067, 58.4424, 66.5947



58.6872, 58.4424, 57.8364

Sweetspot

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



52.0443, 58.4449, 60.7634



91.7102, 98.3454, 105.7107



53.3748, 59.2701, 54.5270



19.4431, 20.9575, 22.4463



0.0000, 0.0000, 0.0000



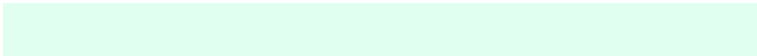
20.3446, 21.4041, 23.3091

Same Dimension

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



52.0443, 58.4449, 60.7634



82.4162, 93.7479, 96.5217



53.1373, 58.7474, 66.9341



11.3093, 12.6335, 13.1865



15.3033, 27.8666, 13.5480



0.8277, 1.4529, 0.9002

Inverse Universe

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



52.6550, 51.7614, 58.8483



83.5794, 81.0170, 92.8738



51.6346, 51.4706, 53.1132



11.4311, 11.3012, 12.8047



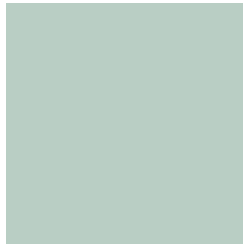
17.0827, 8.6437, 8.1541



0.9195, 0.4612, 0.6222

Previews

White Background



This preview shows how the XYZ color 52.0427, 58.4424, 60.7621 looks on a white background.

Color Contrast Check

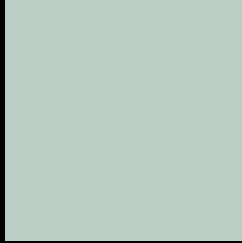
Large Text (above 18pt) WCAG AA × Fail

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 52.0427, 58.4424, 60.7621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

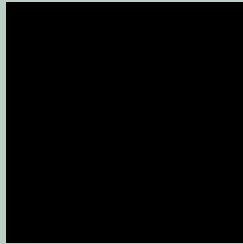
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

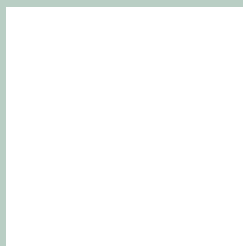
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0427, 58.4424, 60.7621

Background



This preview shows how black text looks on a background with the XYZ color 52.0427, 58.4424, 60.7621.



This preview shows how white text looks on a background with the XYZ color 52.0427, 58.4424,

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

52.0427, 58.4424, 60.7621

Protanopia

55.7335, 58.2806, 58.7639

Deuteranopia

59.3036, 58.0329, 61.5019



Tritanopia

55.1284, 58.6452, 75.4319

Trichromacy



Original Color

52.0427, 58.4424, 60.7621

Protanomaly

54.1468, 58.1419, 59.4076

Deuteranomaly

56.2846, 57.8293, 61.0190

Tritanomaly

54.0898, 58.5802, 70.0843

Monochromacy



Original Color

52.0427, 58.4424, 60.7621

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.5617, 57.7876, 61.7572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0427, 58.4424, 60.7621 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(185, 206, 196) looks like.

```
.text, #text, p{  
    color:rgb(185, 206, 196)  
}
```

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(185, 206, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 206, 196) }
```

Border

The CSS property to change the border of an element to XYZ 52.0427, 58.4424, 60.7621 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(185, 206, 196) }
```


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

```
.border{ border-color:rgb(185, 206, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 206, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 206, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 206, 196); box-shadow:4px 4px 4px 4px rgb(185, 206, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0427, 58.4424, 60.7621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 206, 196) }
```

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

```
.background{ background-color: rgb(185,  
206, 196) }
```

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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