

Converting Colors

XYZ(52.8713, 57.6400, 20.9094)

Have a look what the booklet for
XYZ(52.8713, 57.6400, 20.9094)
contains.

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Color

**XYZ(52.8713, 57.6400,
20.9094)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DDC866 |
| RGB | 221, 200, 102 |
| RGB Percent | 87%, 78%, 40% |
| CMY | 0.1333, 0.2157, 0.6000 |
| CMYK | 0.00, 0.09, 0.54, 0.13 |
| HSL | 49°, 64%, 63% |
| HSV | 49°, 54%, 87% |
| XYZ | 52.8713, 57.6400, 20.9094 |
| YIQ | 195.1070, 43.9740, -26.0260 |

Conversions

Conversions Part 2

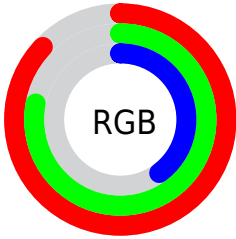
| Format | Color |
|-------------------------------------|--|
| RYB | 128, 221, 102 |
| Decimal | 14534758 |
| CIELab | 80.54, -4.90, 51.06 |
| CIELCh | 81, 51.293, 95.485 |
| Yxy | 57.6400, 0.4023, 0.4386 |
| Android (android.graphics.Color) | 4292724838 (0xFFDDC866) |
| YUV | 195.1070, -45.9018, 22.7082 |
| Hunter-Lab | 75.9210, -8.5546, 36.8157 |

Details

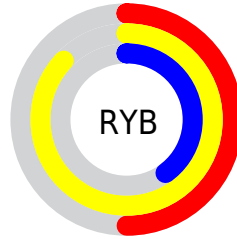
The XYZ color **52.8713, 57.6400, 20.9094** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.6134, 22.2104, 71.3433**, and the grayscale version is **52.1835, 54.9011, 59.7873**.

A 20% lighter version of the original color is **82.9164, 95.1466, 45.0053**, and **25.9589, 28.5746, 7.1649** is the 20% darker color. If you saturate the color by 10%, you get **51.0271, 55.4779, 15.5895**, and if you desaturate by 10%, it is **55.0335, 59.9704, 27.7777**.

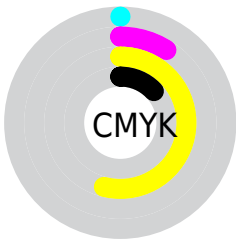
Distribution



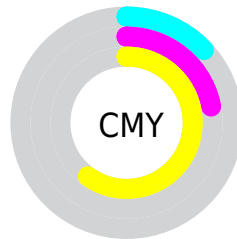
- Red (87%)
- Green (78%)
- Blue (40%)



- Red (50%)
- Yellow (87%)
- Blue (40%)



- Cyan (0%)
- Magenta (9%)
- Yellow (54%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8713, 57.6400, 20.9094 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 52.8713, 57.6400, 20.9094 by changing the saturation by 10% instead.

■ 52.8713, 57.6400,
20.9094

■ 52.8713, 57.6400,
20.9094

388.0601,
415.8432, 269.5618

■ 37.9271, 41.5193,
12.8672

■ 93.5816, 101.3984,
45.8155

■ 26.1031, 28.7251,
7.2075

■ 120.0784,
129.8050, 63.5165

■ 17.0339, 18.8729,
3.5118

■ 151.1568,
163.0755, 85.2742

■ 10.3541, 11.5785,
1.3615

■ 187.1822,
201.5946, 111.5071

■ 5.6984, 6.4574,
0.1114

228.5198,
245.7465, 142.6338

■ 2.7015, 3.1251,
0.0000

275.5351,

■ 0.9979, 1.1974,

295.9156, 179.0728

0.0000

328.5934,
352.4864, 221.2426

■ 0.0000, 0.0596,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.8713, 57.6400,
20.9094

■ 52.8713, 57.6400,
20.9094

■ 51.0271, 55.4779,
15.5895

■ 55.0335, 59.9704,
27.7777

■ 49.4727, 53.4663,
11.6893


■ 57.5308, 62.4698,
36.3026


■ 48.1819, 51.5963,
9.0650


■ 60.3839, 65.1489,
46.5862


■ 47.1211, 49.8544,
7.5408


■ 63.6109, 68.0152,
58.7218


 46.5487, 48.8322,
6.9722

 67.2281, 71.0755,
72.7959

 71.2511, 74.3363,
88.8895

 75.4193, 77.6935,
105.6291

 76.4997, 79.8543,
105.9892

 77.6045, 82.0637,
106.3574

Harmonies

Analogous

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



63.6287, 57.6400, 23.3874



52.8713, 57.6400, 20.9094



43.8461, 57.6400, 26.3785

Triad

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



52.8713, 57.6400, 20.9094



39.8888, 57.6400, 102.8257



75.3630, 57.6400, 90.0449

Complementary

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



52.8713, 57.6400, 20.9094



25.6134, 22.2104, 71.3433

Split Complementary

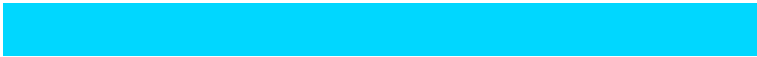
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.4072, 57.6400, 122.8525



52.8713, 57.6400, 20.9094



46.8014, 57.6400, 131.7370

Square

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



52.8713, 57.6400, 20.9094



36.9916, 57.6400, 68.4712



56.7445, 57.6400, 140.0451



77.5276, 57.6400, 57.3759

Rectangle

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



52.8713, 57.6400, 20.9094



39.7298, 57.6400, 35.2902



56.7445, 57.6400, 140.0451



73.2315, 57.6400, 101.7115

Sweetspot

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



52.8727, 57.6427, 20.9106



86.9097, 93.1384, 77.1492



38.1969, 26.3260, 22.0770



18.4001, 19.7574, 15.7482



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.



52.8727, 57.6427, 20.9106



70.1843, 76.2467, 20.5243



47.8587, 62.7782, 22.1661



13.9566, 14.8526, 13.8568



27.1159, 28.5174, 4.0752



1.8090, 1.9521, 0.2815

Inverse Universe

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



25.6134, 22.2104, 71.3433



28.7304, 22.4293, 97.4228



28.5649, 20.2719, 70.8135



12.5235, 12.9868, 16.4988



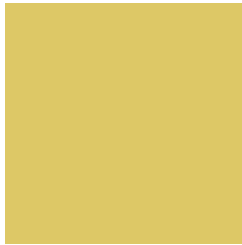
8.0610, 3.9914, 40.0840



0.5791, 0.3723, 2.6158

Previews

White Background



This preview shows how the XYZ color 52.8713, 57.6400, 20.9094 looks on a white background.

Color Contrast Check

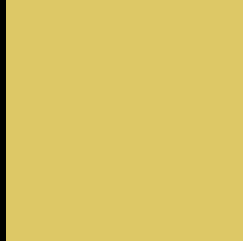
Large Text (above 18pt) WCAG AA × Fail

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 52.8713, 57.6400, 20.9094 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 52.8713, 57.6400, 20.9094

Background



This preview shows how black text looks on a background with the XYZ color 52.8713, 57.6400, 20.9094.



This preview shows how white text looks on a background with the XYZ color 52.8713, 57.6400,

20.9094.

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

52.8713, 57.6400, 20.9094

Protanopia

52.8713, 57.6400, 20.9094

Deuteranopia

58.5683, 57.2389, 21.0580



Tritanopia

61.9321, 57.6959, 64.3722

Trichromacy



Original Color

52.8713, 57.6400, 20.9094

Protanomaly

52.8713, 57.6400, 20.9094

Deuteranomaly

56.3320, 57.3957, 20.9414

Tritanomaly

57.6315, 57.2240, 44.0842

Monochromacy



Original Color

52.8713, 57.6400, 20.9094

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.3011, 55.3431, 41.6966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8713, 57.6400, 20.9094 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(221, 200, 102)` looks like.

```
.text, #text, p{  
    color:rgb(221, 200, 102)  
}
```

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(221, 200, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 200, 102) }
```

Border

The CSS property to change the border of an element to XYZ 52.8713, 57.6400, 20.9094 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(221, 200, 102) }
```


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

```
.border{ border-color:rgb(221, 200, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 200, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 200, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 200, 102);  
box-shadow:4px 4px 4px 4px rgb(221, 200,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8713, 57.6400, 20.9094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 200, 102) }
```

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

```
.background{ background-color: rgb(221,  
200, 102) }
```

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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