

Converting Colors

XYZ(53.4565, 52.8712, 56.8801)

Have a look what the booklet for
XYZ(53.4565, 52.8712, 56.8801)
contains.

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Color

**XYZ(53.4688, 52.8575,
56.6746)**

Conversions

Conversions Part 1

Format	Color
Hex	D1BBBF
RGB	209, 187, 191
RGB Percent	82%, 73%, 75%
CMY	0.1804, 0.2666, 0.2510
CMYK	0.00, 0.11, 0.09, 0.18
HSL	349°, 19%, 78%
HSV	349°, 11%, 82%
XYZ	53.4688, 52.8575, 56.6746
YIQ	194.0340, 11.8280, 5.9080

Conversions

Conversions Part 2

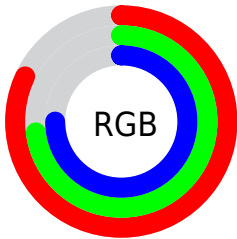
Format	Color
R _Y B	209, 187, 191
Decimal	13745087
CIE Lab	77.79, 8.48, 0.83
CIE LCh	78, 8.523, 5.567
Yxy	52.8575, 0.3280, 0.3243
Android (android.graphics.Color)	4291935167 (0xFFD1BBBF)
YUV	194.0340, -1.4958, 13.1252
Hunter-Lab	72.7032, 4.0455, 4.6736

Details

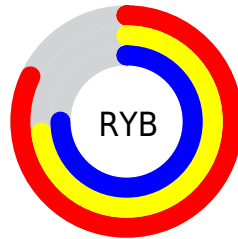
The XYZ color **53.4688, 52.8575, 56.6746** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3155, 60.5749, 66.5900**, and the grayscale version is **51.3032, 53.9749, 58.7787**.

A 20% lighter version of the original color is **90.0791, 92.0766, 101.0206**, and **26.4390, 25.7552, 27.6225** is the 20% darker color. If you saturate the color by 10%, you get **47.5802, 43.9180, 45.9618**, and if you desaturate by 10%, it is **60.2255, 63.1801, 68.7625**.

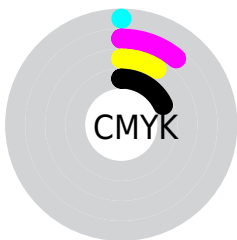
Distribution



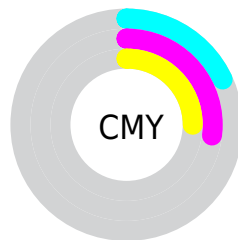
- Red (82%)
- Green (73%)
- Blue (75%)



- Red (82%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (11%)
- Yellow (9%)
- Black (18%)



- Cyan (18%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4688, 52.8575, 56.6746 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 53.4688, 52.8575, 56.6746 by changing the saturation by 10% instead.

■ 53.4688, 52.8575,
56.6746

■ 53.4688, 52.8575,
56.6746

390.3126,
397.7382, 429.6884

■ 38.4061, 37.6890,
40.3364

■ 94.4553, 94.3946,
101.4858

■ 26.4767, 25.7414,
27.4852

121.1099,
121.5321, 130.7960

■ 17.3151, 16.6303,
17.7023

152.3591,
153.4280, 165.2672

■ 10.5561, 9.9713,
10.5692

188.5683,
190.4668, 205.3181

■ 5.8343, 5.3799,
5.6675

230.1029,
233.0328, 251.3671

■ 2.7843, 2.4718,
2.5785

277.3283,

■ 1.0407, 0.8625,

281.5104, 303.8328

0.8813

330.6097,
336.2841, 363.1337

■ 0.0000, 0.0000,
0.0000

■ 53.4688, 52.8575,
56.6746

■ 53.4688, 52.8575,
56.6746

■ 47.5802, 43.9180,
45.9618

■ 60.2255, 63.1801,
68.7625

■ 42.5199, 36.2962,
36.5717

■ 67.8791, 74.9338,
82.2684

■ 38.2517, 29.9316,
28.4536

■ 76.4625, 88.1731,
97.2377

■ 34.7349, 24.7564,
21.5523

■ 80.1048, 92.2955,
108.2006

■ 31.9252, 20.6964,
15.8084

■ 29.7734, 17.6688,
11.1574

■ 28.2239, 15.5795,
7.5283

■ 27.2116, 14.3169,
4.8413

■ 26.6442, 13.6952,
3.0705

Harmonies

Analogous

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



53.1883, 52.8575, 61.3996



53.4688, 52.8575, 56.6746



52.8687, 52.8575, 52.4204

Triad

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



53.4688, 52.8575, 56.6746



48.4139, 52.8575, 50.4633



48.9366, 52.8575, 66.2419

Complementary

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



53.4688, 52.8575, 56.6746



54.3155, 60.5749, 66.5900

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.



47.6988, 52.8575, 63.0098



53.4688, 52.8575, 56.6746



47.4017, 52.8575, 53.8702

Square

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



53.4688, 52.8575, 56.6746



49.9319, 52.8575, 48.9624



47.1429, 52.8575, 58.4401



50.5483, 52.8575, 67.0934

Rectangle

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



53.4688, 52.8575, 56.6746



52.0577, 52.8575, 50.3688



47.1429, 52.8575, 58.4401



48.4641, 52.8575, 65.3895

Sweetspot

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



53.4703, 52.8598, 56.6757



91.6662, 94.8191, 102.8806



54.4483, 53.1209, 67.7060



19.4314, 20.0063, 21.6837



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.



53.4703, 52.8598, 56.6757



81.3074, 79.0173, 84.2728



54.5502, 55.7139, 54.8952



11.8952, 11.8428, 12.7240



16.4542, 8.4545, 2.0320



0.9471, 0.4836, 0.2563

Inverse Universe

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



53.4703, 52.8598, 56.6757



81.3074, 79.0173, 84.2728



53.1324, 57.4267, 68.6064



11.8952, 11.8428, 12.7240



16.4542, 8.4545, 2.0320



0.9471, 0.4836, 0.2563

Previews

White Background



This preview shows how the XYZ color 53.4688, 52.8575, 56.6746 looks on a white background.

Color Contrast Check

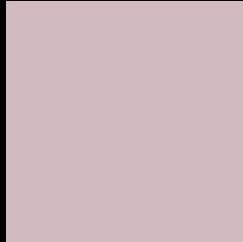
Large Text (above 18pt) WCAG AA × Fail

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 53.4688, 52.8575, 56.6746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

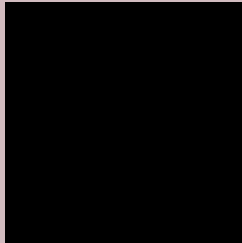
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4688, 52.8575, 56.6746

Background



This preview shows how black text looks on a background with the XYZ color 53.4688, 52.8575, 56.6746.



This preview shows how white text looks on a background with the XYZ color 53.4688, 52.8575,

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

53.4688, 52.8575, 56.6746

Protanopia

50.8741, 52.7587, 58.5410

Deuteranopia

53.8268, 52.7283, 56.6308



Tritanopia

54.5626, 52.9896, 61.9958

Trichromacy



Original Color

53.4688, 52.8575, 56.6746

Protanomaly

51.8585, 52.9565, 57.9405

Deuteranomaly

53.5412, 52.5810, 56.6174

Tritanomaly

54.2153, 52.8507, 60.1671

Monochromacy



Original Color

53.4688, 52.8575, 56.6746

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.8096, 53.2540, 58.0005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4688, 52.8575, 56.6746 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(209, 187, 191)` looks like.

```
.text, #text, p{  
    color:rgb(209, 187, 191)  
}
```

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(209, 187, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 187, 191) }
```

Border

The CSS property to change the border of an element to XYZ 53.4688, 52.8575, 56.6746 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(209, 187, 191) }
```


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

```
.border{ border-color:rgb(209, 187, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 187, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 187, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 187, 191);  
box-shadow:4px 4px 4px 4px rgb(209, 187,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4688, 52.8575, 56.6746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 187, 191) }
```

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

```
.background{ background-color: rgb(209,  
187, 191) }
```

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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