

Converting Colors

XYZ(52.9437, 56.5780, 62.7133)

Have a look what the booklet for
XYZ(52.9437, 56.5780, 62.7133)
contains.

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Color

**XYZ(52.8411, 56.3544,
62.7361)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C7C8
RGB	193, 199, 200
RGB Percent	76%, 78%, 78%
CMY	0.2431, 0.2196, 0.2157
CMYK	0.03, 0.00, 0.00, 0.22
HSL	189°, 6%, 77%
HSV	189°, 3%, 78%
XYZ	52.8411, 56.3544, 62.7361
YIQ	197.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

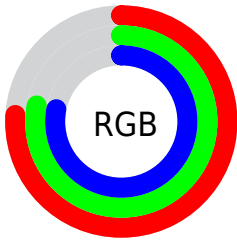
Format	Color
RYB	193, 196, 200
Decimal	12699592
CIELab	79.82, -1.86, -1.23
CIELCh	80, 2.231, 213.320
Yxy	56.3544, 0.3073, 0.3278
Android (android.graphics.Color)	4290889672 (0xFFC1C7C8)
YUV	197.3200, 1.3212, -3.7886
Hunter-Lab	75.0696, -5.7265, 2.9997

Details

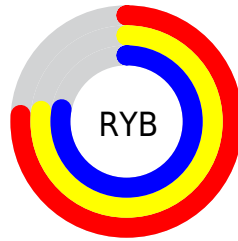
The XYZ color **52.8411, 56.3544, 62.7361** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.7371, 54.7129, 58.2341**, and the grayscale version is **53.2596, 56.0332, 61.0202**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **26.1289, 27.9016, 31.2025** is the 20% darker color. If you saturate the color by 10%, you get **47.4345, 52.6049, 62.2982**, and if you desaturate by 10%, it is **58.9527, 60.4888, 63.2129**.

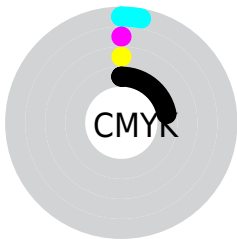
Distribution



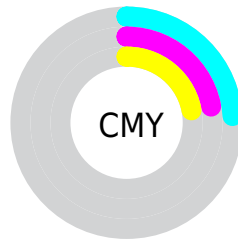
- Red (76%)
- Green (78%)
- Blue (78%)



- Red (76%)
- Yellow (77%)
- Blue (78%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8411, 56.3544, 62.7361 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 52.8411, 56.3544, 62.7361 by changing the saturation by 10% instead.

■ 52.8411, 56.3544,
62.7361

■ 52.8411, 56.3544,
62.7361

387.9460,
411.0257, 452.6927

■ 37.9029, 40.4871,
45.1881

■ 93.5374, 99.5226,
110.3706

■ 26.0842, 27.9186,
31.2616

120.0262,
127.5922, 141.2942

■ 17.0197, 18.2643,
20.5380

151.0960,
160.4982, 177.5134

■ 10.3439, 11.1399,
12.5988

187.1120,
198.6248, 219.4468

■ 5.6916, 6.1610,
7.0254

228.4397,
242.3565, 267.5128

■ 2.6973, 2.9432,
3.3993

275.4443,

■ 0.9958, 1.1022,

292.0776, 322.1302

1.3020

328.4913,
348.1725, 383.7172

■ 0.0000, 0.0000,
0.0634

■ 0.0000, 0.0000,
0.0000

■ 52.8411, 56.3544,
62.7361

■ 52.8411, 56.3544,
62.7361

■ 47.4345, 52.6049,
62.2982

■ 58.9527, 60.4888,
63.2129

■ 42.7006, 49.2186,
61.8941

■ 65.7904, 65.0142,
63.7260

■ 38.6115, 46.1828,
61.5236

■ 73.3807, 69.9460,
64.2778

■ 35.1357, 43.4811,
61.1853

■ 74.8107, 71.7206,
64.5450

■ 32.2389, 41.0957,
60.8776

■ 75.5220, 73.1433,
64.7821

■ 29.8834, 39.0070,
60.5986

■ 76.2460, 74.5911,
65.0234

■ 28.0267, 37.1931,
60.3463

■ 76.9826, 76.0643,
65.2690

■ 26.6204, 35.6289,
60.1185

■ 77.7319, 77.5630,
65.5187

■ 25.6056, 34.2840,
59.9124

■ 78.4940, 79.0871,
65.7728

Harmonies

Analogous

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



52.7013, 56.3544, 61.5045



52.8411, 56.3544, 62.7361



53.1744, 56.3544, 63.6086

Triad

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



52.8411, 56.3544, 62.7361



54.3425, 56.3544, 62.4834



53.5129, 56.3544, 58.9119

Complementary

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



52.8411, 56.3544, 62.7361



52.7371, 54.7129, 58.2341

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.



53.9539, 56.3544, 59.1658



52.8411, 56.3544, 62.7361



54.4344, 56.3544, 61.2165

Square

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



52.8411, 56.3544, 62.7361



54.0414, 56.3544, 63.4612



54.2918, 56.3544, 60.0049



53.0878, 56.3544, 59.3064

Rectangle

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



52.8411, 56.3544, 62.7361



53.4623, 56.3544, 63.8627



54.2918, 56.3544, 60.0049



53.6642, 56.3544, 58.9242

Sweetspot

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



52.8427, 56.3568, 62.7373



94.0023, 99.2881, 108.8178



52.3777, 56.5390, 59.1532



20.1314, 21.2592, 23.2924



0.0000, 0.0000, 0.0000



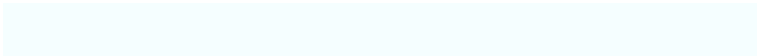
20.3446, 21.4041, 23.3091

Same Dimension

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



52.8427, 56.3568, 62.7373



90.9347, 97.1931, 108.5751



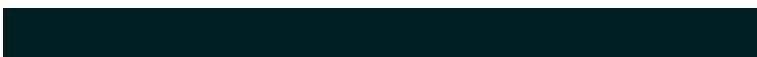
52.0609, 54.7932, 62.4767



11.3763, 12.1893, 13.6707



16.0004, 21.3948, 38.0306



0.7939, 1.0855, 1.8128

Inverse Universe

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



53.1995, 54.5440, 61.7597



91.6489, 93.5706, 106.6168



53.5108, 56.2602, 58.4920



11.4800, 11.6646, 13.3862



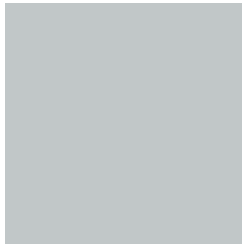
19.8756, 9.6998, 25.6185



0.9594, 0.4666, 1.3094

Previews

White Background



This preview shows how the XYZ color 52.8411, 56.3544, 62.7361 looks on a white background.

Color Contrast Check

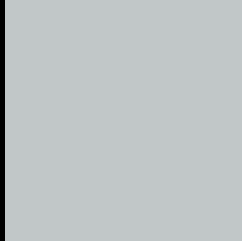
Large Text (above 18pt) WCAG AA × Fail

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 52.8411, 56.3544, 62.7361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

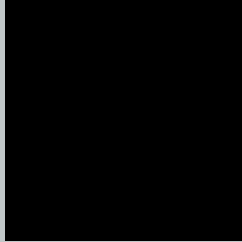
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

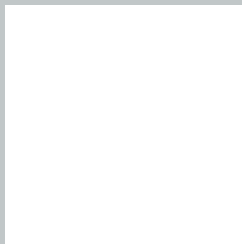
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8411, 56.3544, 62.7361

Background



This preview shows how black text looks on a background with the XYZ color 52.8411, 56.3544, 62.7361.

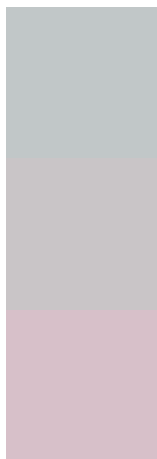


This preview shows how white text looks on a background with the XYZ color 52.8411, 56.3544,

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

52.8411, 56.3544, 62.7361

Protanopia

54.3624, 56.4735, 62.0681

Deuteranopia

57.4166, 56.3634, 63.1114



Tritanopia

54.4822, 56.3387, 70.9537

Trichromacy



Original Color

52.8411, 56.3544, 62.7361

Protanomaly

53.7916, 56.5175, 62.1067

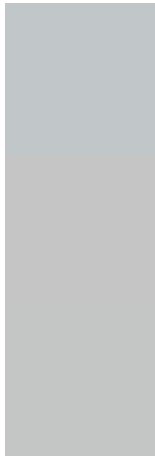
Deuteranomaly

55.7898, 56.5127, 63.2259

Tritanomaly

53.8274, 56.4116, 67.7260

Monochromacy



Original Color

52.8411, 56.3544, 62.7361

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.1521, 56.2011, 61.4726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8411, 56.3544, 62.7361 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(193, 199, 200)` looks like.

```
.text, #text, p{  
    color:rgb(193, 199, 200)  
}
```

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(193, 199, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 199, 200) }
```

Border

The CSS property to change the border of an element to XYZ 52.8411, 56.3544, 62.7361 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(193, 199, 200) }
```


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

```
.border{ border-color:rgb(193, 199, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 199, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 199, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 199, 200); box-shadow:4px 4px 4px 4px rgb(193, 199, 200) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8411, 56.3544, 62.7361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 199, 200) }
```

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

```
.background{ background-color: rgb(193,  
199, 200) }
```

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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