

Converting Colors

XYZ(28.4687, 33.6329, 56.8999)

Have a look what the booklet for
XYZ(28.4687, 33.6329, 56.8999)
contains.

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Color

**XYZ(28.3425, 33.4471,
56.5919)**

Conversions

Conversions Part 1

Format	Color
Hex	62A5C3
RGB	98, 165, 195
RGB Percent	38%, 65%, 76%
CMY	0.6157, 0.3529, 0.2353
CMYK	0.50, 0.15, 0.00, 0.24
HSL	199°, 45%, 57%
HSV	199°, 50%, 76%
XYZ	28.3425, 33.4471, 56.5919
YIQ	148.3870, -49.5620, -4.8740

Conversions

Conversions Part 2

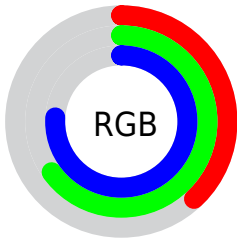
Format	Color
R_{YB}	98, 138, 195
Decimal	6464963
CIE _{Lab}	64.52, -13.03, -21.97
CIE _{LCh}	65, 25.547, 239.331
Yxy	33.4471, 0.2394, 0.2825
Android (android.graphics.Color)	4284655043 (0xFF62A5C3)
YUV	148.3870, 22.9802, -44.1894
Hunter-Lab	57.8335, -13.7309, -17.5337

Details

The XYZ color **28.3425, 33.4471, 56.5919** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **32.4303, 27.9233, 15.2369**, and the grayscale version is **28.2327, 29.7030, 32.3466**.

A 20% lighter version of the original color is **56.4903, 65.0847, 101.6807**, and **11.5495, 14.1647, 27.3246** is the 20% darker color. If you saturate the color by 10%, you get **25.4271, 30.3679, 56.1518**, and if you desaturate by 10%, it is **31.8238, 36.8957, 57.0747**.

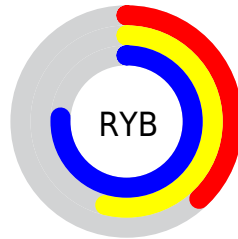
Distribution



Red (38%)

Green (65%)

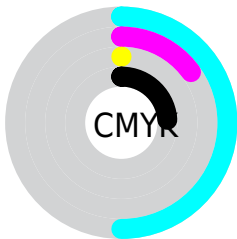
Blue (76%)



Red (38%)

Yellow (54%)

Blue (76%)

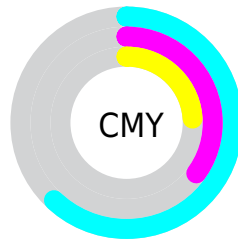


Cyan (50%)

Magenta (15%)

Yellow (0%)

Black (24%)



Cyan (62%)

Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3425, 33.4471, 56.5919 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 28.3425, 33.4471, 56.5919 by changing the saturation by 10% instead.

■ 28.3425, 33.4471,
56.5919

■ 28.3425, 33.4471,
56.5919

286.1504,
317.6596, 429.3692

■ 18.7258, 22.4692,
40.2705

■ 56.4356, 65.0729,
101.3639

■ 11.5751, 14.2020,
27.4341

■ 75.6427, 86.4896,
130.6516

■ 6.5252, 8.2613,
17.6642

■ 98.7773, 112.1547,
165.0984

■ 3.2107, 4.2626,
10.5422

■ 126.2048,
142.4526, 205.1230

■ 1.2661, 1.8215,
5.6497

158.2905,
177.7676, 251.1438

■ 0.1576, 0.5005,
2.5679

195.3998,

■ 0.0000, 0.0000,

218.4842, 303.5794

0.8758

237.8979,
264.9867, 362.8483

■ 0.0000, 0.0000,
0.0000

■ 28.3425, 33.4471,
56.5919

■ 28.3425, 33.4471,
56.5919

■ 25.4271, 30.3679,
56.1518

■ 31.8238, 36.8957,
57.0747

■ 23.0359, 27.6333,
55.7500

■ 35.9026, 40.7287,
57.5995

■ 21.1261, 25.2209,
55.3850

■ 40.6118, 44.9649,
58.1690

■ 19.6461, 23.1031,
55.0543

■ 45.9808, 49.6204,
58.7846

■ 18.4996, 21.2291,
54.7530

■ 52.0372, 54.7103,
59.4479

■ 18.4716, 21.1825,
54.7455

■ 58.8068, 60.2490,
60.1601

■ 66.3142, 66.2500,
60.9228

■ 74.5826, 72.7262,
61.7370

■ 76.4952, 76.0096,
62.2700

Harmonies

Analogous

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



26.0548, 33.4471, 47.1807



28.3425, 33.4471, 56.5919



31.7085, 33.4471, 60.4471

Triad

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



28.3425, 33.4471, 56.5919



39.3392, 33.4471, 36.6536



28.4743, 33.4471, 21.5525

Complementary

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



28.3425, 33.4471, 56.5919



32.4303, 27.9233, 15.2369

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.



31.8725, 33.4471, 19.7873



28.3425, 33.4471, 56.5919



38.3116, 33.4471, 27.4311

Square

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



28.3425, 33.4471, 56.5919



38.2188, 33.4471, 47.6658



35.5073, 33.4471, 21.7184



26.1267, 33.4471, 27.0957

Rectangle

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



28.3425, 33.4471, 56.5919



34.1713, 33.4471, 58.8740



35.5073, 33.4471, 21.7184



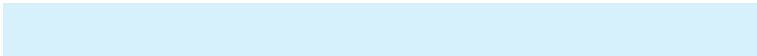
29.5229, 33.4471, 20.5507

Sweetspot

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



28.3436, 33.4484, 56.5927



76.9220, 84.1967, 104.6672



28.3904, 43.1626, 26.9490



16.4014, 18.0513, 22.8698



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.



28.3436, 33.4484, 56.5927



44.9829, 53.7748, 100.4785



21.2964, 19.3540, 54.2436



10.0972, 10.8858, 12.8538



12.0828, 13.9222, 35.6070



0.5810, 0.7194, 1.5581

Inverse Universe

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



33.6658, 23.0552, 38.2743



56.0524, 34.5201, 61.8497



40.1581, 43.3789, 17.8128



10.3604, 10.1928, 11.9883



17.4948, 8.6877, 15.7837



0.7856, 0.3873, 0.8386

Previews

White Background



This preview shows how the XYZ color 28.3425, 33.4471, 56.5919 looks on a white background.

Color Contrast Check

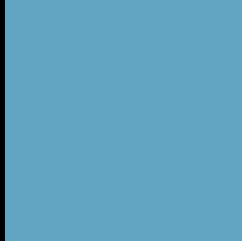
Large Text (above 18pt) WCAG AA × Fail

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 28.3425, 33.4471, 56.5919 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 28.3425, 33.4471, 56.5919

Background



This preview shows how black text looks on a background with the XYZ color 28.3425, 33.4471, 56.5919.



This preview shows how white text looks on a background with the XYZ color 28.3425, 33.4471,

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

28.3425, 33.4471, 56.5919

Protanopia

33.0271, 33.1316, 52.2313

Deuteranopia

33.9787, 33.2492, 58.0530



Tritanopia

26.6734, 33.3008, 48.7379

Trichromacy



Original Color

28.3425, 33.4471, 56.5919

Protanomaly

30.8368, 32.9611, 54.0271

Deuteranomaly

31.3409, 32.8910, 57.5201

Tritanomaly

27.2185, 33.2505, 51.4378

Monochromacy



Original Color

28.3425, 33.4471, 56.5919

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.5531, 30.5736, 40.0464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3425, 33.4471, 56.5919 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(98, 165, 195)` looks like.

```
.text, #text, p{  
    color:rgb(98, 165, 195)  
}
```

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(98, 165, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 165, 195) }
```

Border

The CSS property to change the border of an element to XYZ 28.3425, 33.4471, 56.5919 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(98, 165, 195) }
```


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

```
.border{ border-color:rgb(98, 165, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 165, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 165, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 165, 195);  
box-shadow:4px 4px 4px 4px rgb(98, 165,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3425, 33.4471, 56.5919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 165, 195) }
```

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

```
.background{ background-color: rgb(98, 165,  
195) }
```

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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