

Converting Colors

XYZ(30.3697, 35.6008, 56.9903)

Have a look what the booklet for
XYZ(30.3697, 35.6008, 56.9903)
contains.

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Color

**XYZ(30.3450, 35.5673,
56.8956)**

Conversions

Conversions Part 1

Format	Color
Hex	6DA9C3
RGB	109, 169, 195
RGB Percent	43%, 66%, 76%
CMY	0.5725, 0.3372, 0.2353
CMYK	0.44, 0.13, 0.00, 0.24
HSL	198°, 42%, 60%
HSV	198°, 44%, 76%
XYZ	30.3450, 35.5673, 56.8956
YIQ	154.0240, -44.1060, -4.6340

Conversions

Conversions Part 2

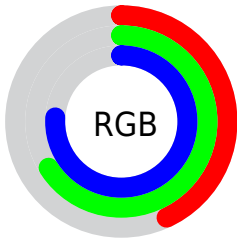
Format	Color
RYB	109, 144, 195
Decimal	7186883
CIELab	66.19, -12.53, -19.39
CIElCh	66, 23.081, 237.133
Yxy	35.5673, 0.2471, 0.2896
Android (android.graphics.Color)	4285376963 (0xFF6DA9C3)
YUV	154.0240, 20.2012, -39.4860
Hunter-Lab	59.6383, -13.5432, -14.8165

Details

The XYZ color **30.3450, 35.5673, 56.8956** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.9308, 30.0350, 18.4781**, and the grayscale version is **30.6547, 32.2511, 35.1215**.

A 20% lighter version of the original color is **59.5362, 68.2321, 102.1277**, and **12.6903, 15.4299, 27.5087** is the 20% darker color. If you saturate the color by 10%, you get **27.1351, 32.3217, 56.4390**, and if you desaturate by 10%, it is **34.1387, 39.1889, 57.3953**.

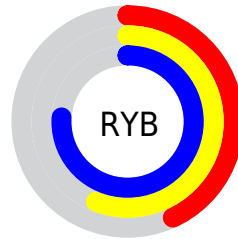
Distribution



Red (43%)

Green (66%)

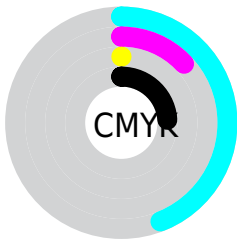
Blue (76%)



Red (43%)

Yellow (56%)

Blue (76%)

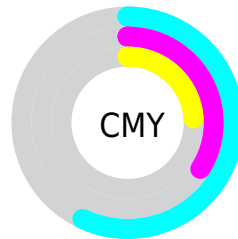


Cyan (44%)

Magenta (13%)

Yellow (0%)

Black (24%)



Cyan (57%)

Magenta (34%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3450, 35.5673, 56.8956 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 30.3450, 35.5673, 56.8956 by changing the saturation by 10% instead.

■ 30.3450, 35.5673,
56.8956

■ 30.3450, 35.5673,
56.8956

■ 295.3903,
327.0653, 430.5408

■ 20.2500, 24.1002,
40.5126

■ 59.5902, 68.3637,
101.8117

■ 12.6862, 15.4080,
27.6216

■ 79.4712, 90.4617,
131.1818

■ 7.2883, 9.1062,
17.8041

■ 103.3448,
116.8723, 165.7181

■ 3.6910, 4.8105,
10.6414

■ 131.5764,
147.9796, 205.8391

■ 1.5288, 2.1365,
5.7152

■ 164.5314,
184.1682, 251.9634

■ 0.3453, 0.6850,
2.6067

■ 202.5752,

■ 0.0000, 0.0000,

225.8224, 304.5093

0.8959

246.0730,
273.3267, 363.8956

■ 0.0000, 0.0000,
0.0000

■ 30.3450, 35.5673,
56.8956

■ 30.3450, 35.5673,
56.8956

■ 27.1351, 32.3217,
56.4390

■ 34.1387, 39.1889,
57.3953

■ 24.4695, 29.4283,
56.0210

■ 38.5458, 43.2002,
57.9373

■ 22.3086, 26.8667,
55.6404

■ 43.5979, 47.6193,
58.5240

■ 20.6057, 24.6116,
55.2949

■ 49.3231, 52.4616,
59.1569

■ 19.3043, 22.6331,
54.9816

■ 55.7481, 57.7417,
59.8374

■ 18.6616, 21.5624,
54.8088

■ 62.8978, 63.4734,
60.5669

■ 70.7961, 69.6698,
61.3467

■ 75.6884, 74.3961,
62.0011

■ 77.2275, 77.4743,
62.5141

Harmonies

Analogous

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



28.2595, 35.5673, 48.0143



30.3450, 35.5673, 56.8956



33.4762, 35.5673, 60.8687

Triad

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



30.3450, 35.5673, 56.8956



40.8439, 35.5673, 39.6810



30.8808, 35.5673, 24.2086

Complementary

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



30.3450, 35.5673, 56.8956



33.9308, 30.0350, 18.4781

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.



34.1372, 35.5673, 22.7343



30.3450, 35.5673, 56.8956



40.0338, 35.5673, 30.7214

Square

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



30.3450, 35.5673, 56.8956



39.6650, 35.5673, 49.9312



37.5199, 35.5673, 24.9072



28.5538, 35.5673, 29.3379

Rectangle

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



30.3450, 35.5673, 56.8956



35.7899, 35.5673, 59.7721



37.5199, 35.5673, 24.9072



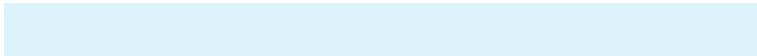
31.8962, 35.5673, 23.3113

Sweetspot

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



30.3461, 35.5687, 56.8964



78.9555, 86.0344, 104.9147



30.1818, 44.0259, 29.7562



16.8168, 18.4331, 22.9216



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.



30.3461, 35.5687, 56.8964



48.7458, 58.0415, 101.1037



23.6445, 22.1654, 54.6626



10.1032, 10.8977, 12.8558



12.2055, 14.1676, 35.6479



0.5856, 0.7285, 1.5596

Inverse Universe

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



35.1367, 25.4051, 40.5893



58.7472, 38.6439, 66.6505



41.1475, 44.4684, 20.8837



10.3634, 10.1940, 12.0042



17.5568, 8.7125, 16.1098



0.7880, 0.3882, 0.8508

Previews

White Background



This preview shows how the XYZ color 30.3450, 35.5673, 56.8956 looks on a white background.

Color Contrast Check

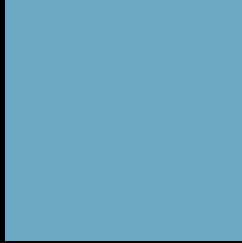
Large Text (above 18pt) WCAG AA × Fail

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 30.3450, 35.5673, 56.8956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

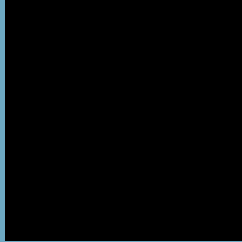
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.3450, 35.5673, 56.8956

Background



This preview shows how black text looks on a background with the XYZ color 30.3450, 35.5673, 56.8956.



This preview shows how white text looks on a background with the XYZ color 30.3450, 35.5673,

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

30.3450, 35.5673, 56.8956

Protanopia

34.8017, 35.2971, 52.5557

Deuteranopia

36.1546, 35.3593, 58.3455



Tritanopia

29.2637, 35.6928, 51.2460

Trichromacy



Original Color

30.3450, 35.5673, 56.8956

Protanomaly

32.9824, 35.3592, 54.3769

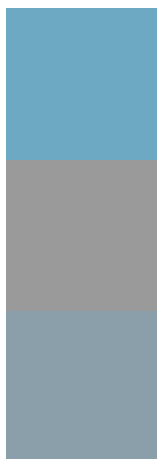
Deuteranomaly

33.6381, 35.0964, 57.8247

Tritanomaly

29.6234, 35.5494, 53.4445

Monochromacy



Original Color

30.3450, 35.5673, 56.8956

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.0408, 33.0641, 42.3348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3450, 35.5673, 56.8956 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(109, 169, 195)` looks like.

```
.text, #text, p{  
    color:rgb(109, 169, 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(109, 169, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 169, 195) }
```

Border

The CSS property to change the border of an element to XYZ 30.3450, 35.5673, 56.8956 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(109, 169, 195) }
```


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

```
.border{ border-color:rgb(109, 169, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 169, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 169, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 169, 195);  
box-shadow:4px 4px 4px 4px rgb(109, 169,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3450, 35.5673, 56.8956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 169, 195) }
```

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

```
.background{ background-color: rgb(109,  
169, 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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