

Converting Colors

XYZ(36.1191, 40.6146, 56.7817)

Have a look what the booklet for
XYZ(36.1191, 40.6146, 56.7817)
contains.

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Color

**XYZ(36.0782, 40.5212,
56.9588)**

Conversions

Conversions Part 1

Format	Color
Hex	8CB0C2
RGB	140, 176, 194
RGB Percent	55%, 69%, 76%
CMY	0.4510, 0.3098, 0.2392
CMYK	0.28, 0.09, 0.00, 0.24
HSL	200°, 31%, 65%
HSV	200°, 28%, 76%
XYZ	36.0782, 40.5212, 56.9588
YIQ	167.2880, -27.2340, -2.0340

Conversions

Conversions Part 2

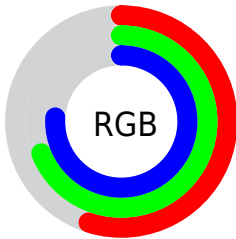
Format	Color
RYB	140, 162, 194
Decimal	9220290
CIELab	69.84, -7.97, -13.15
CIELCh	70, 15.379, 238.780
Yxy	40.5212, 0.2701, 0.3034
Android (android.graphics.Color)	4287410370 (0xFF8CB0C2)
YUV	167.2880, 13.1690, -23.9316
Hunter-Lab	63.6563, -10.2307, -8.4925

Details

The XYZ color **36.0782, 40.5212, 56.9588** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.2092, 37.8169, 30.0448**, and the grayscale version is **36.8193, 38.7368, 42.1843**.

A 20% lighter version of the original color is **68.6176, 76.2175, 101.5374**, and **15.9658, 18.3835, 27.5178** is the 20% darker color. If you saturate the color by 10%, you get **31.8555, 36.5077, 56.4074**, and if you desaturate by 10%, it is **40.9401, 44.9558, 57.5592**.

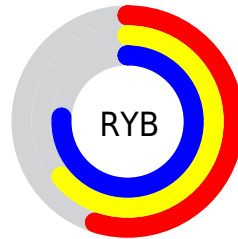
Distribution



Red (55%)

Green (69%)

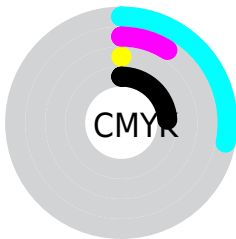
Blue (76%)



Red (55%)

Yellow (64%)

Blue (76%)

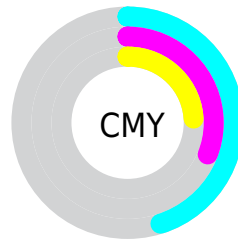


Cyan (28%)

Magenta (9%)

Yellow (0%)

Black (24%)



Cyan (45%)

Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0782, 40.5212, 56.9588 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 36.0782, 40.5212, 56.9588 by changing the saturation by 10% instead.

■ 36.0782, 40.5212,
56.9588

■ 36.0782, 40.5212,
56.9588

320.7275,
348.3155, 430.7843

■ 24.6650, 27.9452,
40.5630

■ 68.4758, 75.9565,
101.9048

■ 15.9550, 18.2843,
27.6607

■ 90.1910, 99.5846,
131.2921

■ 9.5830, 11.1543,
17.8332

■ 116.0708,
127.6655, 165.8470

■ 5.1835, 6.1707,
10.6621

146.4806,
160.5835, 205.9881

■ 2.3912, 2.9492,
5.7288

181.7859,
198.7231, 252.1338

■ 0.8407, 1.1053,
2.6148

222.3518,

■ 0.0000, 0.0000,

242.4687, 304.7027

0.9001

268.5439,
292.2047, 364.1134

■ 0.0000, 0.0000,
0.0000

■ 36.0782, 40.5212,
56.9588

■ 36.0782, 40.5212,
56.9588

■ 31.8555, 36.5077,
56.4074

■ 40.9401, 44.9558,
57.5592

■ 28.2371, 32.8933,
55.9004

■ 46.4664, 49.8228,
58.2074

■ 25.1906, 29.6607,
55.4370

■ 52.6852, 55.1389,
58.9057

■ 22.6783, 26.7895,
55.0152

■ 59.6221, 60.9184,
59.6556

■ 20.6579, 24.2564,
54.6328

■ 67.3012, 67.1749,
60.4585

■ 19.0802, 22.0347,
54.2871

■ 75.2272, 73.6541,
61.2914

■ 17.8719, 20.0854,
53.9745

■ 76.9044, 77.0085,
61.8505

■ 17.6329, 19.6855,
53.9100

■ 78.6474, 80.4945,
62.4315

■ 80.4569, 84.1135,
63.0346

Harmonies

Analogous

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



34.4565, 40.5212, 51.0792



36.0782, 40.5212, 56.9588



38.4120, 40.5212, 59.3493

Triad

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



36.0782, 40.5212, 56.9588



43.5178, 40.5212, 44.4142



36.2480, 40.5212, 33.1304

Complementary

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



36.0782, 40.5212, 56.9588



39.2092, 37.8169, 30.0448

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.



38.6165, 40.5212, 31.7491



36.0782, 40.5212, 56.9588



42.8786, 40.5212, 37.8248

Square

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



36.0782, 40.5212, 56.9588



42.7688, 40.5212, 51.6405



41.0574, 40.5212, 33.3730



34.5515, 40.5212, 37.3688

Rectangle

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



36.0782, 40.5212, 56.9588



40.0810, 40.5212, 58.4653



41.0574, 40.5212, 33.3730



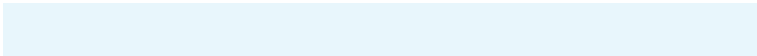
36.9887, 40.5212, 32.3382

Sweetspot

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



36.0794, 40.5228, 56.9597



83.8736, 89.9957, 105.4201



36.2023, 46.5976, 39.0302



18.0149, 19.4014, 23.0453



0.0000, 0.0000, 0.0000



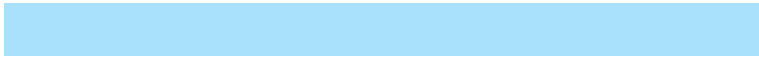
20.3446, 21.4041, 23.3091

Same Dimension

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



36.0794, 40.5228, 56.9597



60.8743, 69.1869, 102.6158



31.4442, 31.2523, 55.4146



10.0766, 10.8445, 12.8469



11.6709, 13.0983, 35.4697



0.5655, 0.6883, 1.5529

Inverse Universe

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



39.4637, 33.3612, 45.4355



68.0698, 54.6272, 77.9643



44.1438, 47.6862, 31.6897



10.3500, 10.1886, 11.9334



17.2869, 8.6045, 14.6887



0.7778, 0.3841, 0.7973

Previews

White Background



This preview shows how the XYZ color 36.0782, 40.5212, 56.9588 looks on a white background.

Color Contrast Check

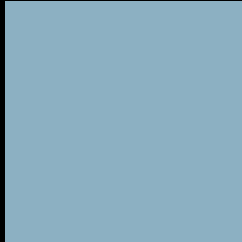
Large Text (above 18pt) WCAG AA × Fail

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 36.0782, 40.5212, 56.9588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

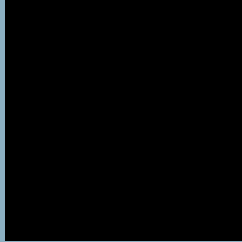
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0782, 40.5212, 56.9588

Background



This preview shows how black text looks on a background with the XYZ color 36.0782, 40.5212, 56.9588.



This preview shows how white text looks on a background with the XYZ color 36.0782, 40.5212,

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

36.0782, 40.5212, 56.9588

Protanopia

39.6307, 40.4185, 54.4280

Deuteranopia

41.0556, 40.2566, 57.8310



Tritanopia

35.7736, 40.6948, 55.2596

Trichromacy



Original Color

36.0782, 40.5212, 56.9588

Protanomaly

38.2570, 40.5357, 55.0980

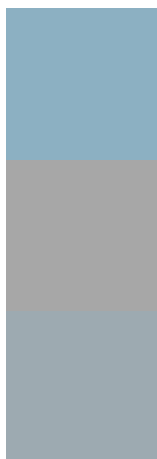
Deuteranomaly

39.1253, 40.3710, 57.3600

Tritanomaly

35.8840, 40.7390, 55.8413

Monochromacy



Original Color

36.0782, 40.5212, 56.9588

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.2152, 39.0919, 47.2317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0782, 40.5212, 56.9588 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(140, 176, 194)` looks like.

```
.text, #text, p{  
    color:rgb(140, 176, 194)  
}
```

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(140, 176, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 176, 194) }
```

Border

The CSS property to change the border of an element to XYZ 36.0782, 40.5212, 56.9588 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(140, 176, 194) }
```


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

```
.border{ border-color:rgb(140, 176, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 176, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 176, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 176, 194);  
box-shadow:4px 4px 4px 4px rgb(140, 176,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0782, 40.5212, 56.9588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 176, 194) }
```

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

```
.background{ background-color: rgb(140,  
176, 194) }
```

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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