

Converting Colors

XYZ(36.2794, 42.7411, 56.2069)

Have a look what the booklet for
XYZ(36.2794, 42.7411, 56.2069)
contains.

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Color

**XYZ(36.2794, 42.7411,
56.2069)**

Conversions

Conversions Part 1

Format	Color
Hex	86B7C0
RGB	134, 183, 192
RGB Percent	53%, 72%, 75%
CMY	0.4745, 0.2823, 0.2471
CMYK	0.30, 0.05, 0.00, 0.25
HSL	189°, 32%, 64%
HSV	189°, 30%, 75%
XYZ	36.2794, 42.7411, 56.2069
YIQ	169.3750, -32.0930, -7.5890

Conversions

Conversions Part 2

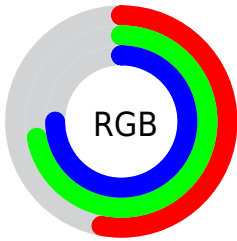
Format	Color
RYB	134, 161, 192
Decimal	8828864
CIELab	71.38, -13.94, -9.78
CIELCh	71, 17.028, 215.072
Yxy	42.7411, 0.2683, 0.3161
Android (android.graphics.Color)	4287018944 (0xFF86B7C0)
YUV	169.3750, 11.1541, -31.0239
Hunter-Lab	65.3767, -15.3544, -5.2103

Details

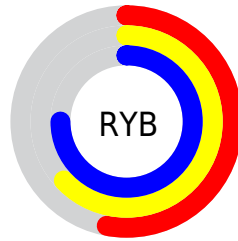
The XYZ color **36.2794, 42.7411, 56.2069** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.8642, 32.5728, 26.9520**, and the grayscale version is **37.8566, 39.8281, 43.3728**.

A 20% lighter version of the original color is **68.7960, 79.3291, 100.4931**, and **16.1225, 19.6232, 27.3640** is the 20% darker color. If you saturate the color by 10%, you get **32.8851, 40.0899, 55.8748**, and if you desaturate by 10%, it is **40.2448, 45.7082, 56.5713**.

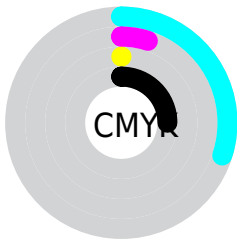
Distribution



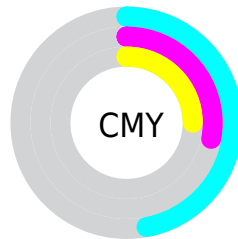
- Red (53%)
- Green (72%)
- Blue (75%)



- Red (53%)
- Yellow (63%)
- Blue (75%)



- Cyan (30%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (47%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2794, 42.7411, 56.2069 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 36.2794, 42.7411, 56.2069 by changing the saturation by 10% instead.

■ 36.2794, 42.7411,
56.2069

■ 36.2794, 42.7411,
56.2069

■ 321.5901,
357.5460, 427.8810

■ 24.8212, 29.6820,
39.9637

■ 68.7841, 79.3200,
100.7958

■ 16.0719, 19.5974,
27.1967

■ 90.5614, 103.6087,
129.9787

■ 9.6662, 12.1027,
17.4873

■ 116.5090,
132.4093, 164.3118

■ 5.2388, 6.8137,
10.4169

■ 146.9923,
166.1063, 204.2138

■ 2.4242, 3.3458,
5.5670

■ 182.3767,
205.0841, 250.1032

■ 0.8572, 1.3148,
2.5191

■ 223.0276,

■ 0.0000, 0.1527,

249.7270, 302.3984

0.8503

269.3103,
300.4195, 361.5182

■ 0.0000, 0.0000,
0.0000

■ 36.2794, 42.7411,
56.2069

■ 36.2794, 42.7411,
56.2069

■ 32.8851, 40.0899,
55.8748

■ 40.2448, 45.7082,
56.5713

■ 30.0280, 37.7337,
55.5706

■ 44.8055, 49.0004,
56.9664

■ 27.6762, 35.6572,
55.2937

■ 49.9886, 52.6332,
57.3944

■ 25.7932, 33.8412,
55.0424

■ 55.8188, 56.6191,
57.8565

■ 24.3370, 32.2641,
54.8148

■ 62.3191, 60.9702,
58.3537

■ 23.2582, 30.9002,
54.6084

■ 69.5115, 65.6980,
58.8872

■ 22.4728, 29.7224,
54.4224

■ 72.3127, 68.1821,
59.2191

■ 73.0268, 69.6103,
59.4571

■ 73.7545, 71.0657,
59.6997

Harmonies

Analogous

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



35.3792, 42.7411, 47.9469



36.2794, 42.7411, 56.2069



38.3458, 42.7411, 62.3648

Triad

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



36.2794, 42.7411, 56.2069



45.8285, 42.7411, 53.5106



40.1389, 42.7411, 32.5226

Complementary

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



36.2794, 42.7411, 56.2069



35.8642, 32.5728, 26.9520

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.



42.9910, 42.7411, 33.6443



36.2794, 42.7411, 56.2069



46.3634, 42.7411, 45.1565

Square

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



36.2794, 42.7411, 56.2069



43.8732, 42.7411, 60.6843



45.3026, 42.7411, 38.0465



37.5396, 42.7411, 34.7807

Rectangle

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



36.2794, 42.7411, 56.2069



40.1527, 42.7411, 64.0966



45.3026, 42.7411, 38.0465



41.0993, 42.7411, 32.5199

Sweetspot

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



36.2807, 42.7428, 56.2079



82.1282, 89.4551, 103.2982



33.6172, 44.7425, 32.7328



17.3403, 18.9930, 22.1374



92.9021, 97.7402, 106.4391



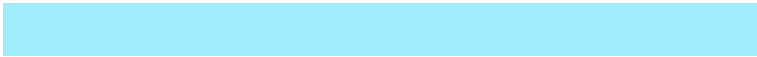
19.4759, 20.4902, 22.3138

Same Dimension

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



36.2807, 42.7428, 56.2079



61.7032, 74.3212, 101.4536



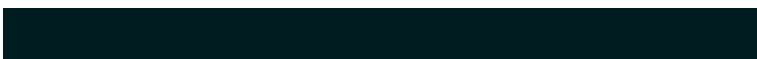
30.9519, 32.0853, 54.4316



10.2312, 11.1536, 12.8985



15.1680, 20.0926, 36.6354



0.6920, 0.9415, 1.5951

Inverse Universe

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



38.8116, 31.6765, 48.8703



67.0803, 51.4778, 85.7145



40.7376, 42.3195, 28.5765



10.4280, 10.2198, 12.3443



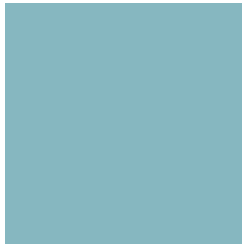
19.0521, 9.3106, 23.9842



0.8417, 0.4097, 1.1338

Previews

White Background



This preview shows how the XYZ color 36.2794, 42.7411, 56.2069 looks on a white background.

Color Contrast Check

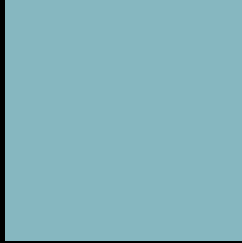
Large Text (above 18pt) WCAG AA × Fail

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 36.2794, 42.7411, 56.2069 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

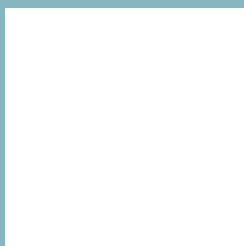
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.2794, 42.7411, 56.2069

Background



This preview shows how black text looks on a background with the XYZ color 36.2794, 42.7411, 56.2069.



This preview shows how white text looks on a background with the XYZ color 36.2794, 42.7411,

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

36.2794, 42.7411, 56.2069

Protanopia

41.2621, 42.4310, 52.4696

Deuteranopia

43.5165, 42.6347, 57.5655



Tritanopia

36.7977, 42.6380, 59.1138

Trichromacy



Original Color

36.2794, 42.7411, 56.2069

Protanomaly

39.0973, 42.4460, 53.7092

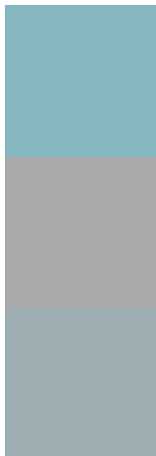
Deuteranomaly

40.5846, 42.5543, 57.1137

Tritanomaly

36.5699, 42.5469, 57.9147

Monochromacy



Original Color

36.2794, 42.7411, 56.2069

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

36.7822, 40.5143, 47.4764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2794, 42.7411, 56.2069 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(134, 183, 192)` looks like.

```
.text, #text, p{  
    color:rgb(134, 183, 192)  
}
```

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(134, 183, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 183, 192) }
```

Border

The CSS property to change the border of an element to XYZ 36.2794, 42.7411, 56.2069 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(134, 183, 192) }
```


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

```
.border{ border-color:rgb(134, 183, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 183, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 183, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 183, 192);  
box-shadow:4px 4px 4px 4px rgb(134, 183,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2794, 42.7411, 56.2069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 183, 192) }
```

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

```
.background{ background-color: rgb(134,  
183, 192) }
```

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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