

Converting Colors

XYZ(36.2057, 41.5331, 56.7045)

Have a look what the booklet for
XYZ(36.2057, 41.5331, 56.7045)
contains.

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Color

**XYZ(36.0623, 41.4088,
56.5441)**

Conversions

Conversions Part 1

Format	Color
Hex	89B3C1
RGB	137, 179, 193
RGB Percent	54%, 70%, 76%
CMY	0.4627, 0.2980, 0.2431
CMYK	0.29, 0.07, 0.00, 0.24
HSL	195°, 31%, 65%
HSV	195°, 29%, 76%
XYZ	36.0623, 41.4088, 56.5441
YIQ	168.0380, -29.5260, -4.5500

Conversions

Conversions Part 2

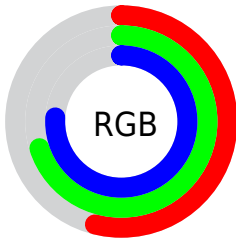
Format	Color
RYB	137, 161, 193
Decimal	9024449
CIELab	70.46, -10.71, -11.69
CIELCh	70, 15.849, 227.506
Yxy	41.4088, 0.2691, 0.3090
Android (android.graphics.Color)	4287214529 (0xFF89B3C1)
YUV	168.0380, 12.3063, -27.2203
Hunter-Lab	64.3497, -12.5785, -7.0534

Details

The XYZ color **36.0623, 41.4088, 56.5441** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.5749, 35.2773, 28.4968**, and the grayscale version is **37.1910, 39.1278, 42.6102**.

A 20% lighter version of the original color is **68.5454, 77.4627, 100.9616**, and **15.8674, 18.7171, 27.2026** is the 20% darker color. If you saturate the color by 10%, you get **32.2273, 38.0224, 56.0933**, and if you desaturate by 10%, it is **40.4995, 45.1580, 57.0346**.

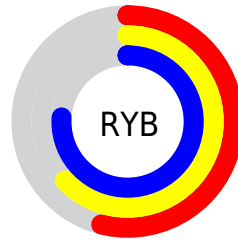
Distribution



Red (54%)

Green (70%)

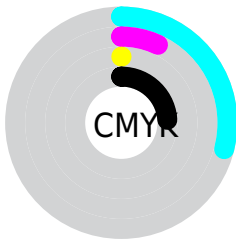
Blue (76%)



Red (54%)

Yellow (63%)

Blue (76%)

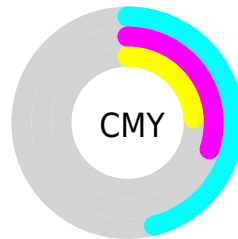


Cyan (29%)

Magenta (7%)

Yellow (0%)

Black (24%)



Cyan (46%)

Magenta (30%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0623, 41.4088, 56.5441 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 36.0623, 41.4088, 56.5441 by changing the saturation by 10% instead.

■ 36.0623, 41.4088,
56.5441

■ 36.0623, 41.4088,
56.5441

320.6593,
352.0263, 429.1846

■ 24.6526, 28.6387,
40.2324

■ 68.4515, 77.3041,
101.2934

■ 15.9458, 18.8076,
27.4046

■ 90.1617, 101.1980,
130.5681

■ 9.5764, 11.5314,
17.6422

■ 116.0361,
129.5686, 165.0008

■ 5.1791, 6.4254,
10.5267

146.4401,
162.8004, 205.0102

■ 2.3886, 3.1055,
5.6394

181.7391,
201.2776, 251.0147

■ 0.8394, 1.1870,
2.5618

222.2984,

■ 0.0000, 0.0511,

245.3848, 303.4329

0.8727

268.4833,
295.5062, 362.6833

■ 0.0000, 0.0000,
0.0000

■ 36.0623, 41.4088,
56.5441

■ 36.0623, 41.4088,
56.5441

■ 32.2273, 38.0224,
56.0933

■ 40.4995, 45.1580,
57.0346

■ 28.9603, 34.9774,
55.6777

■ 45.5635, 49.2800,
57.5633

■ 26.2293, 32.2580,
55.2968

■ 51.2820, 53.7906,
58.1326

■ 23.9972, 29.8445,
54.9486

■ 57.6797, 58.7030,
58.7436

■ 22.2221, 27.7147,
54.6310

■ 64.7803, 64.0300,
59.3975

■ 20.8547, 25.8427,
54.3418

■ 72.6060, 69.7835,
60.0956

■ 19.8105, 24.1844,
54.0767

■ 74.6033, 72.5854,
60.5312

■ 19.7140, 24.0268,
54.0514

■ 75.8333, 75.0453,
60.9411

■ 77.0996, 77.5780,
61.3633

Harmonies

Analogous

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



34.7605, 41.4088, 49.5530



36.0623, 41.4088, 56.5441



38.2815, 41.4088, 60.6356

Triad

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



36.0623, 41.4088, 56.5441



44.4668, 41.4088, 48.2703



37.8665, 41.4088, 32.7158

Complementary

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



36.0623, 41.4088, 56.5441



37.5749, 35.2773, 28.4968

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.



40.4541, 41.4088, 32.4536



36.0623, 41.4088, 56.5441



44.3436, 41.4088, 40.8980

Square

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



36.0623, 41.4088, 56.5441



43.1777, 41.4088, 55.5161



42.8482, 41.4088, 35.2928



35.7701, 41.4088, 36.0536

Rectangle

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



36.0623, 41.4088, 56.5441



40.0175, 41.4088, 60.9007



42.8482, 41.4088, 35.2928



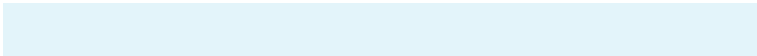
38.7055, 41.4088, 32.2794

Sweetspot

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



36.0635, 41.4105, 56.5451



81.4817, 88.1621, 103.0827



34.8978, 45.6633, 35.8580



17.1800, 18.6723, 22.0839



92.9021, 97.7402, 106.4391



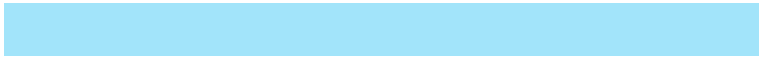
19.4759, 20.4902, 22.3138

Same Dimension

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



36.0635, 41.4105, 56.5451



59.9819, 70.1297, 100.7353



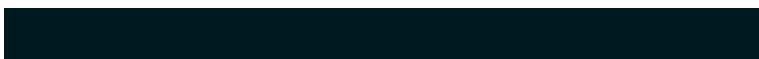
31.1606, 31.6046, 54.9107



10.1484, 10.9882, 12.8709



13.1780, 16.1126, 35.9721



0.6213, 0.8001, 1.5716

Inverse Universe

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



39.0757, 32.4846, 46.8602



66.3943, 51.9032, 79.9442



42.4422, 45.0118, 30.1192



10.3862, 10.2031, 12.1244



18.0476, 8.9088, 18.6947



0.8060, 0.3954, 0.9458

Previews

White Background



This preview shows how the XYZ color 36.0623, 41.4088, 56.5441 looks on a white background.

Color Contrast Check

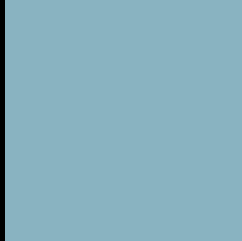
Large Text (above 18pt) WCAG AA × Fail

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 36.0623, 41.4088, 56.5441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

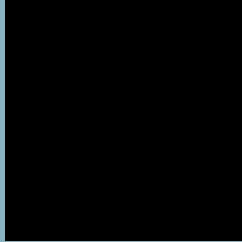
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0623, 41.4088, 56.5441

Background



This preview shows how black text looks on a background with the XYZ color 36.0623, 41.4088, 56.5441.



This preview shows how white text looks on a background with the XYZ color 36.0623, 41.4088,

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

36.0623, 41.4088, 56.5441

Protanopia

40.2176, 41.3027, 53.4295

Deuteranopia

41.8005, 40.9247, 57.3259



Tritanopia

36.0623, 41.4088, 56.5441

Trichromacy



Original Color

36.0623, 41.4088, 56.5441

Protanomaly

38.5309, 41.2589, 54.6482

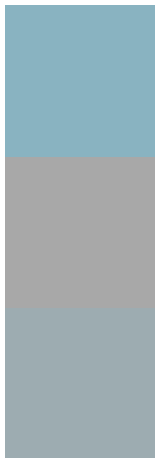
Deuteranomaly

39.2008, 40.7022, 56.8292

Tritanomaly

36.0623, 41.4088, 56.5441

Monochromacy



Original Color

36.0623, 41.4088, 56.5441

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.5930, 39.8475, 47.3576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0623, 41.4088, 56.5441 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(137, 179, 193)` looks like.

```
.text, #text, p{  
    color:rgb(137, 179, 193)  
}
```

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(137, 179, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 179, 193) }
```

Border

The CSS property to change the border of an element to XYZ 36.0623, 41.4088, 56.5441 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(137, 179, 193) }
```


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

```
.border{ border-color:rgb(137, 179, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 179, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 179, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 179, 193);  
box-shadow:4px 4px 4px 4px rgb(137, 179,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0623, 41.4088, 56.5441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 179, 193) }
```

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

```
.background{ background-color: rgb(137,  
179, 193) }
```

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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