

Converting Colors

XYZ(36.6585, 42.0886, 60.0071)

Have a look what the booklet for
XYZ(36.6585, 42.0886, 60.0071)
contains.

XYZ(36.6217, 41.9169, 60.1934)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.6217, 41.9169,
60.1934)**

Conversions

Conversions Part 1

Format	Color
Hex	87B4C7
RGB	135, 180, 199
RGB Percent	53%, 71%, 78%
CMY	0.4706, 0.2941, 0.2196
CMYK	0.32, 0.10, 0.00, 0.22
HSL	198°, 36%, 65%
HSV	198°, 32%, 78%
XYZ	36.6217, 41.9169, 60.1934
YIQ	168.7110, -32.9190, -3.6310

Conversions

Conversions Part 2

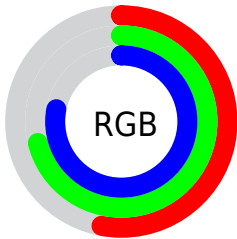
Format	Color
R _Y B	135, 161, 199
Decimal	8893639
CIE Lab	70.81, -10.36, -14.47
CIE LCh	71, 17.794, 234.385
Yxy	41.9169, 0.2640, 0.3021
Android (android.graphics.Color)	4287083719 (0xFF87B4C7)
YUV	168.7110, 14.9325, -29.5645
Hunter-Lab	64.7433, -12.3331, -9.8031

Details

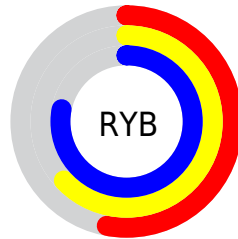
The XYZ color **36.6217, 41.9169, 60.1934** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.4825, 37.0030, 27.9840**, and the grayscale version is **37.5106, 39.4641, 42.9764**.

A 20% lighter version of the original color is **69.2807, 78.1581, 106.0423**, and **16.2675, 19.0621, 29.6100** is the 20% darker color. If you saturate the color by 10%, you get **32.5473, 38.0846, 59.6692**, and if you desaturate by 10%, it is **41.3480, 46.1627, 60.7645**.

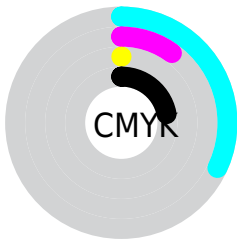
Distribution



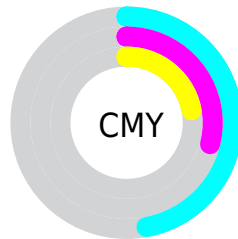
- Red (53%)
- Green (71%)
- Blue (78%)



- Red (53%)
- Yellow (63%)
- Blue (78%)



- Cyan (32%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)



- Cyan (47%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6217, 41.9169, 60.1934 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 36.6217, 41.9169, 60.1934 by changing the saturation by 10% instead.

■ 36.6217, 41.9169,
60.1934

■ 36.6217, 41.9169,
60.1934

323.0538,
354.1383, 443.1347

■ 25.0871, 29.0362,
43.1482

■ 69.3082, 78.0738,
106.6563

■ 16.2710, 19.1082,
29.6692

■ 91.1907, 102.1189,
136.9111

■ 9.8082, 11.7485,
19.3377

■ 117.2533,
130.6542, 172.4061

■ 5.3333, 6.5727,
11.7353

147.8613,
164.0642, 213.5600

■ 2.4808, 3.1963,
6.4433

183.3799,
202.7332, 260.7913

■ 0.8856, 1.2351,
3.0434

224.1747,

■ 0.0000, 0.0901,

247.0456, 314.5185

1.1168

270.6109,
297.3859, 375.1601

■ 0.0000, 0.0000,
0.0000

■ 36.6217, 41.9169,
60.1934

■ 36.6217, 41.9169,
60.1934

■ 32.5473, 38.0846,
59.6692

■ 41.3480, 46.1627,
60.7645

■ 29.0868, 34.6423,
59.1871

■ 46.7536, 50.8341,
61.3813

■ 26.2043, 31.5716,
58.7463

■ 52.8693, 55.9488,
62.0462

■ 23.8580, 28.8499,
58.3447

■ 59.7225, 61.5219,
62.7607

■ 22.0002, 26.4517,
57.9797

■ 67.3393, 67.5676,
63.5262

■ 20.5741, 24.3467,
57.6485

■ 75.7443, 74.0996,
64.3440

■ 19.6765, 22.8587,
57.4086

■ 77.4991, 77.2839,
64.8662

■ 79.0897, 80.4651,
65.3964

■ 80.7358, 83.7572,
65.9450

Harmonies

Analogous

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



34.8850, 41.9169, 52.6961



36.6217, 41.9169, 60.1934



39.2872, 41.9169, 63.8323

Triad

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



36.6217, 41.9169, 60.1934



45.7691, 41.9169, 47.2518



37.5399, 41.9169, 32.3621

Complementary

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



36.6217, 41.9169, 60.1934



39.4825, 37.0030, 27.9840

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.



40.3995, 41.9169, 31.2818



36.6217, 41.9169, 60.1934



45.2449, 41.9169, 39.2444

Square

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



36.6217, 41.9169, 60.1934



44.6422, 41.9169, 55.7910



43.2431, 41.9169, 33.6452



35.3965, 41.9169, 36.8023

Rectangle

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



36.6217, 41.9169, 60.1934



41.2695, 41.9169, 63.2933



43.2431, 41.9169, 33.6452



38.4454, 41.9169, 31.6190

Sweetspot

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



36.6230, 41.9186, 60.1944



83.9154, 90.7454, 107.7005



36.1768, 48.3029, 37.6124



17.6488, 19.1588, 23.0178



0.0000, 0.0000, 0.0000



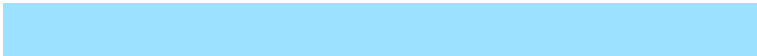
20.3446, 21.4041, 23.3091

Same Dimension

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



36.6230, 41.9186, 60.1944



58.7281, 68.3526, 104.7058



31.0278, 30.7282, 58.3293



10.6706, 11.5153, 13.5778



12.7316, 14.8570, 36.9410



0.6637, 0.8252, 1.7694

Inverse Universe

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



40.4564, 32.7664, 47.3741



66.7091, 50.3486, 77.7791



45.3040, 48.6460, 29.9245



10.9438, 10.7609, 12.6871



18.2256, 9.0398, 16.9299



0.8937, 0.4403, 0.9634

Previews

White Background



This preview shows how the XYZ color 36.6217, 41.9169, 60.1934 looks on a white background.

Color Contrast Check

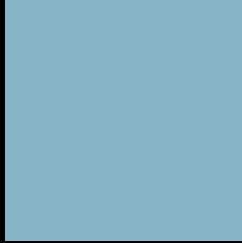
Large Text (above 18pt) WCAG AA × Fail

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 36.6217, 41.9169, 60.1934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

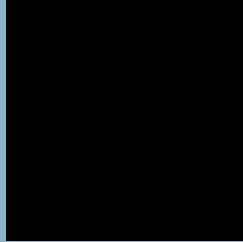
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.6217, 41.9169, 60.1934

Background



This preview shows how black text looks on a background with the XYZ color 36.6217, 41.9169, 60.1934.



This preview shows how white text looks on a background with the XYZ color 36.6217, 41.9169,

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

36.6217, 41.9169, 60.1934

Protanopia

40.7661, 41.5221, 56.3180

Deuteranopia

42.6351, 41.8231, 61.0839



Tritanopia

36.2057, 42.0562, 57.8392

Trichromacy



Original Color

36.6217, 41.9169, 60.1934

Protanomaly

38.8910, 41.3803, 57.5672

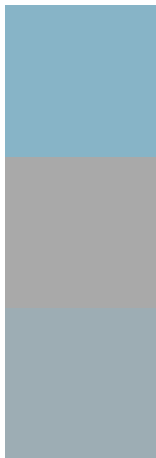
Deuteranomaly

40.0668, 41.6343, 60.5681

Tritanomaly

36.3192, 42.1016, 58.4367

Monochromacy



Original Color

36.6217, 41.9169, 60.1934

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.0864, 40.3505, 49.0138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6217, 41.9169, 60.1934 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(135, 180, 199)` looks like.

```
.text, #text, p{  
    color:rgb(135, 180, 199)  
}
```

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(135, 180, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 180, 199) }
```

Border

The CSS property to change the border of an element to XYZ 36.6217, 41.9169, 60.1934 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(135, 180, 199) }
```


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

```
.border{ border-color:rgb(135, 180, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 180, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 180, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 180, 199);  
box-shadow:4px 4px 4px 4px rgb(135, 180,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6217, 41.9169, 60.1934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 180, 199) }
```

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

```
.background{ background-color: rgb(135,  
180, 199) }
```

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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