

Converting Colors

XYZ(36.0271, 41.8430, 63.3044)

Have a look what the booklet for
XYZ(36.0271, 41.8430, 63.3044)
contains.

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Color

**XYZ(36.0271, 41.8430,
63.3044)**

Conversions

Conversions Part 1

Format	Color
Hex	7EB5CC
RGB	126, 181, 204
RGB Percent	49%, 71%, 80%
CMY	0.5059, 0.2902, 0.2000
CMYK	0.38, 0.11, 0.00, 0.20
HSL	198°, 43%, 65%
HSV	198°, 38%, 80%
XYZ	36.0271, 41.8430, 63.3044
YIQ	167.1770, -40.1630, -4.5070

Conversions

Conversions Part 2

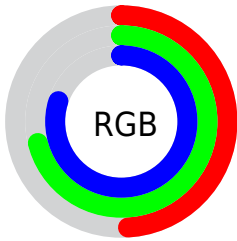
Format	Color
RYB	126, 158, 204
Decimal	8304076
CIELab	70.76, -12.12, -17.33
CIELCh	71, 21.153, 235.034
Yxy	41.8430, 0.2552, 0.2964
Android (android.graphics.Color)	4286494156 (0xFF7EB5CC)
YUV	167.1770, 18.1537, -36.1122
Hunter-Lab	64.6862, -13.7848, -12.7432

Details

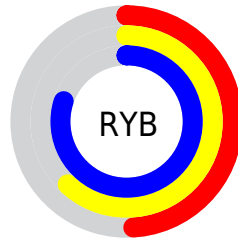
The XYZ color **36.0271, 41.8430, 63.3044** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.4158, 35.8391, 24.5799**, and the grayscale version is **36.7462, 38.6598, 42.1006**.

A 20% lighter version of the original color is **67.3902, 77.6121, 106.0365**, and **15.8967, 19.0181, 31.6872** is the 20% darker color. If you saturate the color by 10%, you get **32.1237, 38.0550, 62.7797**, and if you desaturate by 10%, it is **40.5993, 46.0561, 63.8774**.

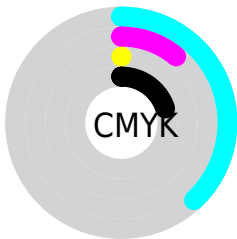
Distribution



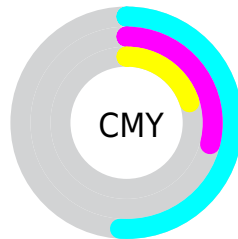
- Red (49%)
- Green (71%)
- Blue (80%)



- Red (49%)
- Yellow (62%)
- Blue (80%)



- Cyan (38%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)



- Cyan (51%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0271, 41.8430, 63.3044 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 36.0271, 41.8430, 63.3044 by changing the saturation by 10% instead.

■ 36.0271, 41.8430,
63.3044

■ 36.0271, 41.8430,
63.3044

320.5081,
353.8317, 454.8117

■ 24.6253, 28.9784,
45.6449

■ 68.3975, 77.9620,
111.1984

■ 15.9254, 19.0645,
31.6191

■ 90.0968, 101.9851,
142.2699

■ 9.5619, 11.7169,
20.8083

■ 115.9594,
130.4965, 178.6493

■ 5.1695, 6.5512,
12.7941

146.3505,
163.8806, 220.7550

■ 2.3828, 3.1830,
7.1578

181.6356,
202.5218, 269.0055

■ 0.8365, 1.2280,
3.4811

222.1800,

■ 0.0000, 0.0844,

246.8044, 323.8194

1.3452

268.3491,
297.1129, 385.6153

■ 0.0000, 0.0000,
0.0984

■ 0.0000, 0.0000,
0.0000

■ 36.0271, 41.8430,
63.3044

■ 36.0271, 41.8430,
63.3044

■ 32.1237, 38.0550,
62.7797

■ 40.5993, 46.0561,
63.8774

■ 28.8470, 34.6665,
62.2984

■ 45.8714, 50.7084,
64.4975

■ 26.1559, 31.6564,
61.8592

■ 51.8771, 55.8192,
65.1674

■ 24.0027, 28.9989,
61.4597

■ 58.6468, 61.4051,
65.8888

■ 22.3310, 26.6640,
61.0972

■ 66.2090, 67.4817,
66.6631

■ 21.0565, 24.6072,
60.7673

■ 74.5908, 74.0639,
67.4918

■ 20.8499, 24.2611,
60.7114

■ 78.5558, 78.4529,
68.1300

■ 80.1927, 81.7266,
68.6757

■ 81.8872, 85.1156,
69.2405

Harmonies

Analogous

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



33.9641, 41.8430, 54.2374



36.0271, 41.8430, 63.3044



39.1892, 41.8430, 67.6540

Triad

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



36.0271, 41.8430, 63.3044



46.8795, 41.8430, 47.2534



36.9827, 41.8430, 30.1964

Complementary

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



36.0271, 41.8430, 63.3044



39.4158, 35.8391, 24.5799

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.



40.3575, 41.8430, 28.8906



36.0271, 41.8430, 63.3044



46.2036, 41.8430, 37.8612

Square

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



36.0271, 41.8430, 63.3044



45.5611, 41.8430, 57.5577



43.7647, 41.8430, 31.4861



34.4926, 41.8430, 35.3572

Rectangle

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



36.0271, 41.8430, 63.3044



41.5468, 41.8430, 66.8903



43.7647, 41.8430, 31.4861



38.0456, 41.8430, 29.3275

Sweetspot

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



36.0284, 41.8446, 63.3054



82.8909, 89.8989, 107.5912



35.5512, 49.7635, 35.7911



17.4446, 18.9901, 22.9960



0.0000, 0.0000, 0.0000



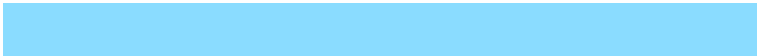
20.3446, 21.4041, 23.3091

Same Dimension

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



36.0284, 41.8446, 63.3054



54.1836, 64.0017, 104.1055



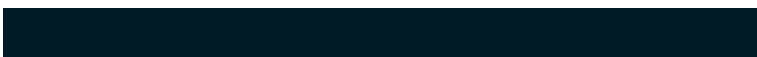
29.3117, 28.4112, 61.0665



11.2531, 12.1466, 14.3218



13.2071, 15.4383, 38.2401



0.7452, 0.9241, 1.9940

Inverse Universe

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



40.7042, 31.0964, 47.5747



63.2587, 44.5403, 73.2610



46.4601, 49.9277, 26.9280



11.5411, 11.3452, 13.3841



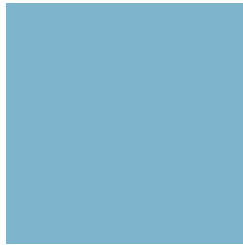
18.8773, 9.3615, 17.6042



1.0061, 0.4958, 1.0779

Previews

White Background



This preview shows how the XYZ color 36.0271, 41.8430, 63.3044 looks on a white background.

Color Contrast Check

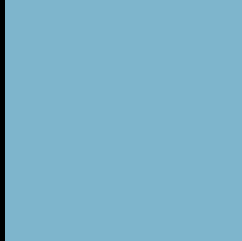
Large Text (above 18pt) WCAG AA × Fail

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 36.0271, 41.8430, 63.3044 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 36.0271, 41.8430, 63.3044

Background



This preview shows how black text looks on a background with the XYZ color 36.0271, 41.8430, 63.3044.



This preview shows how white text looks on a background with the XYZ color 36.0271, 41.8430,

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

36.0271, 41.8430, 63.3044

Protanopia

40.7894, 41.4819, 58.6803

Deuteranopia

42.4637, 41.6516, 64.8330



Tritanopia

35.1182, 41.7722, 59.0352

Trichromacy



Original Color

36.0271, 41.8430, 63.3044

Protanomaly

38.8922, 41.6024, 60.6238

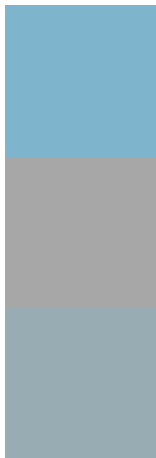
Deuteranomaly

39.6017, 41.3119, 64.2793

Tritanomaly

35.6107, 41.9860, 60.8708

Monochromacy



Original Color

36.0271, 41.8430, 63.3044

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.9396, 39.4757, 48.9054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0271, 41.8430, 63.3044 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(126, 181, 204)` looks like.

```
.text, #text, p{  
    color:rgb(126, 181, 204)  
}
```

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(126, 181, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 181, 204) }
```

Border

The CSS property to change the border of an element to XYZ 36.0271, 41.8430, 63.3044 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(126, 181, 204) }
```


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

```
.border{ border-color:rgb(126, 181, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 181, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 181, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 181, 204); box-shadow:4px 4px 4px 4px rgb(126, 181, 204) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0271, 41.8430, 63.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 181, 204) }
```

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

```
.background{ background-color: rgb(126,  
181, 204) }
```

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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