

Converting Colors

XYZ(36.5804, 43.6441, 61.6600)

Have a look what the booklet for
XYZ(36.5804, 43.6441, 61.6600)
contains.

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Color

**XYZ(36.7057, 43.7705,
61.7723)**

Conversions

Conversions Part 1

Format	Color
Hex	7EBAC9
RGB	126, 186, 201
RGB Percent	49%, 73%, 79%
CMY	0.5059, 0.2706, 0.2118
CMYK	0.37, 0.07, 0.00, 0.21
HSL	192°, 41%, 64%
HSV	192°, 37%, 79%
XYZ	36.7057, 43.7705, 61.7723
YIQ	169.7700, -40.5750, -8.0550

Conversions

Conversions Part 2

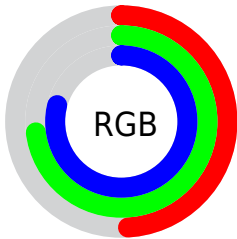
Format	Color
R _Y B	126, 159, 201
Decimal	8305353
CIE Lab	72.07, -15.52, -13.71
CIE LCh	72, 20.712, 221.464
Yxy	43.7705, 0.2580, 0.3077
Android (android.graphics.Color)	4286495433 (0xFF7EBAC9)
YUV	169.7700, 15.3964, -38.3863
Hunter-Lab	66.1593, -16.7455, -9.0470

Details

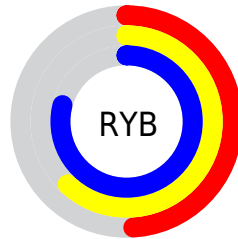
The XYZ color **36.7057, 43.7705, 61.7723** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.3788, 32.9742, 24.1343**, and the grayscale version is **38.0354, 40.0162, 43.5776**.

A 20% lighter version of the original color is **68.8582, 80.5480, 106.5259**, and **16.3265, 20.2594, 30.6537** is the 20% darker color. If you saturate the color by 10%, you get **33.1997, 40.7246, 61.3699**, and if you desaturate by 10%, it is **40.8336, 47.1744, 62.2125**.

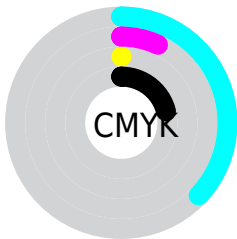
Distribution



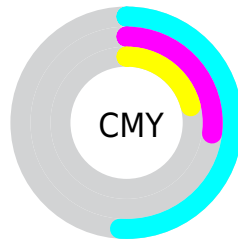
- Red (49%)
- Green (73%)
- Blue (79%)



- Red (49%)
- Yellow (62%)
- Blue (79%)



- Cyan (37%)
- Magenta (7%)
- Yellow (0%)
- Black (21%)



- Cyan (51%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.7057, 43.7705, 61.7723 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 36.7057, 43.7705, 61.7723 by changing the saturation by 10% instead.

■ 36.7057, 43.7705,
61.7723

■ 36.7057, 43.7705,
61.7723

323.4123,
361.7709, 449.0847

■ 25.1523, 30.4901,
44.4141

■ 69.4367, 80.8723,
108.9648

■ 16.3199, 20.2109,
30.6566

■ 91.3450, 105.4625,
139.6362

■ 9.8431, 12.5484,
20.0813

■ 117.4357,
134.5914, 175.5824

■ 5.3565, 7.1184,
12.2695

148.0742,
168.6435, 217.2220

■ 2.4948, 3.5362,
6.8027

183.6257,
208.0031, 264.9734

■ 0.8926, 1.4177,
3.2625

224.4557,

■ 0.0000, 0.2297,

253.0546, 319.2554

1.2302

270.9294,
304.1824, 380.4863

■ 0.0000, 0.0000,
0.0035

■ 0.0000, 0.0000,
0.0000

■ 36.7057, 43.7705,
61.7723

■ 36.7057, 43.7705,
61.7723

■ 33.1997, 40.7246,
61.3699

■ 40.8336, 47.1744,
62.2125

■ 30.2757, 38.0128,
61.0006

■ 45.6126, 50.9486,
62.6891

■ 27.8949, 35.6158,
60.6634

■ 51.0746, 55.1108,
63.2046

■ 26.0124, 33.5102,
60.3562

■ 57.2482, 59.6761,
63.7604

■ 24.5753, 31.6684,
60.0765

■ 64.1607, 64.6587,
64.3579

■ 23.5107, 30.0525,
59.8207

■ 71.8374, 70.0721,
64.9981

■ 23.2537, 29.6390,
59.7544

■ 75.8648, 73.6412,
65.4748

■ 76.8956, 75.7028,
65.8184

■ 77.9517, 77.8149,
66.1704

Harmonies

Analogous

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



35.2797, 43.7705, 51.6404



36.7057, 43.7705, 61.7723



39.4752, 43.7705, 68.6419

Triad

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



36.7057, 43.7705, 61.7723



48.3982, 43.7705, 54.1308



40.2639, 43.7705, 30.9876

Complementary

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



36.7057, 43.7705, 61.7723



37.3788, 32.9742, 24.1343

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.



43.8050, 43.7705, 31.4573



36.7057, 43.7705, 61.7723



48.6390, 43.7705, 43.8870

Square

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



36.7057, 43.7705, 61.7723



46.2760, 43.7705, 63.8167



46.9166, 43.7705, 35.8773



37.2548, 43.7705, 34.4879

Rectangle

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



36.7057, 43.7705, 61.7723



41.7767, 43.7705, 69.9320



46.9166, 43.7705, 35.8773



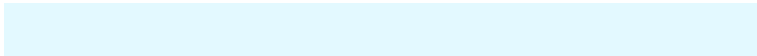
41.4289, 43.7705, 30.7013

Sweetspot

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



36.7070, 43.7722, 61.7733



83.7093, 91.5359, 107.8640



34.2070, 48.0959, 32.1960



17.6405, 19.3818, 23.0613



0.0000, 0.0000, 0.0000



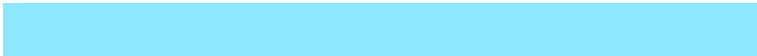
20.3446, 21.4041, 23.3091

Same Dimension

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



36.7070, 43.7722, 61.7733



57.7789, 70.5601, 105.1819



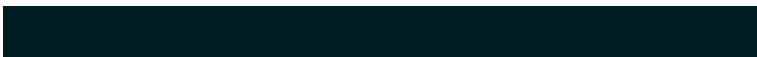
30.0143, 30.3868, 59.5424



10.7596, 11.6933, 13.6074



14.6867, 18.7672, 37.5927



0.7426, 0.9829, 1.7957

Inverse Universe

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



40.4123, 30.8855, 50.2878



65.2276, 45.9185, 81.8085



43.6258, 45.4680, 26.2166



10.9887, 10.7789, 12.9237



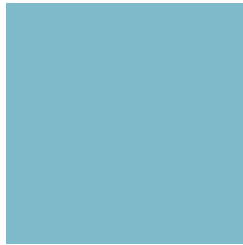
19.2125, 9.4346, 22.1265



0.9335, 0.4562, 1.1730

Previews

White Background



This preview shows how the XYZ color 36.7057, 43.7705, 61.7723 looks on a white background.

Color Contrast Check

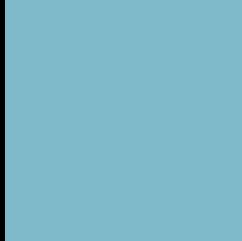
Large Text (above 18pt) WCAG AA × Fail

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 36.7057, 43.7705, 61.7723 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 36.7057, 43.7705, 61.7723

Background



This preview shows how black text looks on a background with the XYZ color 36.7057, 43.7705, 61.7723.



This preview shows how white text looks on a background with the XYZ color 36.7057, 43.7705,

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

36.7057, 43.7705, 61.7723

Protanopia

42.5231, 43.5537, 57.2044

Deuteranopia

44.4740, 43.5680, 63.1922



Tritanopia

36.7057, 43.7705, 61.7723

Trichromacy



Original Color

36.7057, 43.7705, 61.7723

Protanomaly

40.1028, 43.4395, 59.0943

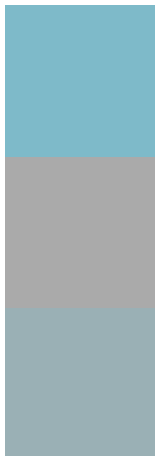
Deuteranomaly

40.9988, 43.2297, 62.6832

Tritanomaly

36.7057, 43.7705, 61.7723

Monochromacy



Original Color

36.7057, 43.7705, 61.7723

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.1922, 41.2569, 49.7192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7057, 43.7705, 61.7723 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, 186, 201)` looks like.

```
.text, #text, p{  
    color:rgb(126, 186, 201)  
}
```

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, 186, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 186, 201) }
```

Border

The CSS property to change the border of an element to XYZ 36.7057, 43.7705, 61.7723 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, 186, 201) }
```


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

```
.border{ border-color:rgb(126, 186, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 186, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 186, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 186, 201);  
box-shadow:4px 4px 4px 4px rgb(126, 186,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7057, 43.7705, 61.7723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 186, 201) }
```

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

```
.background{ background-color: rgb(126,  
186, 201) }
```

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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