

Converting Colors

XYZ(17.6591, 17.1073, 37.0054)

Have a look what the booklet for
XYZ(17.6591, 17.1073, 37.0054)
contains.

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Color

**XYZ(17.6616, 17.1072,
37.0215)**

Conversions

Conversions Part 1

Format	Color
Hex	6371A3
RGB	99, 113, 163
RGB Percent	39%, 44%, 64%
CMY	0.6118, 0.5569, 0.3608
CMYK	0.39, 0.31, 0.00, 0.36
HSL	227°, 26%, 51%
HSV	227°, 39%, 64%
XYZ	17.6616, 17.1072, 37.0215
YIQ	114.5140, -24.3940, 12.5820

Conversions

Conversions Part 2

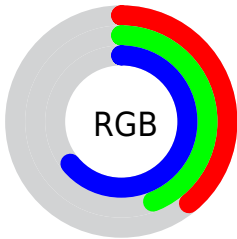
Format	Color
R _Y B	99, 110, 163
Decimal	6517155
CIE Lab	48.39, 7.76, -28.57
CIE LCh	48, 29.601, 285.192
Yxy	17.1072, 0.2460, 0.2383
Android (android.graphics.Color)	4284707235 (0xFF6371A3)
YUV	114.5140, 23.9036, -13.6058
Hunter-Lab	41.3609, 3.8402, -24.1170

Details

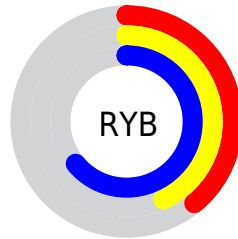
The XYZ color **17.6616, 17.1072, 37.0215** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **28.1045, 30.1832, 16.1499**, and the grayscale version is **16.0847, 16.9224, 18.4285**.

A 20% lighter version of the original color is **39.0589, 38.6476, 71.7308**, and **5.9785, 5.5567, 15.7964** is the 20% darker color. If you saturate the color by 10%, you get **14.7349, 13.6356, 36.5060**, and if you desaturate by 10%, it is **21.1483, 21.1642, 37.6211**.

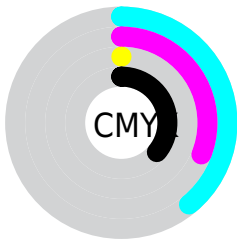
Distribution



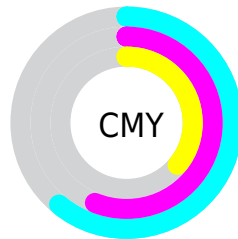
- Red (39%)
- Green (44%)
- Blue (64%)



- Red (39%)
- Yellow (43%)
- Blue (64%)



- Cyan (39%)
- Magenta (31%)
- Yellow (0%)
- Black (36%)



- Cyan (61%)
- Magenta (56%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6616, 17.1072, 37.0215 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 17.6616, 17.1072, 37.0215 by changing the saturation by 10% instead.

■ 17.6616, 17.1072,
37.0215

■ 17.6616, 17.1072,
37.0215

232.0393,
235.7894, 348.5751

■ 10.8055, 10.3110,
24.9282

■ 38.9945, 38.5100,
71.7925

■ 6.0025, 5.6056,
15.8051

■ 54.2020, 53.8853,
95.3074

■ 2.8873, 2.6068,
9.2334

■ 72.9240, 72.8892,
123.4665

■ 1.0944, 0.9301,
4.7949

■ 95.5259, 95.9059,
156.6884

■ 0.0205, 0.0000,
2.0708

122.3730,
123.3198, 195.3917

■ 0.0000, 0.0000,
0.5983

153.8307,

■ 0.0000, 0.0000,

155.5155, 239.9949

0.0000

190.2644,
192.8772, 290.9165

■ 17.6616, 17.1072,
37.0215

■ 17.6616, 17.1072,
37.0215

■ 14.7349, 13.6356,
36.5060

■ 21.1483, 21.1642,
37.6211

■ 12.3364, 10.7196,
36.0695

■ 25.2210, 25.8304,
38.3071

■ 10.4338, 8.3298,
35.7086

■ 29.9060, 31.1308,
39.0833

■ 8.9902, 6.4332,
35.4186

■ 35.2276, 37.0882,
39.9527

■ 7.9633, 4.9924,
35.1946

■ 41.2089, 43.7244,
40.9184

■ 7.2750, 3.9501,
35.0297

■ 47.8714, 51.0600,
41.9831

■ 7.2314, 3.8853,
35.0195

■ 55.2361, 59.1150,
43.1497

■ 63.3228, 67.9084,
44.4208

■ 72.1505, 77.4584,
45.7989

Harmonies

Analogous

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



14.9662, 17.1072, 37.0624



17.6616, 17.1072, 37.0215



20.2370, 17.1072, 31.2227

Triad

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



17.6616, 17.1072, 37.0215



20.2085, 17.1072, 9.9300



11.7312, 17.1072, 15.0726

Complementary

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



17.6616, 17.1072, 37.0215



28.1045, 30.1832, 16.1499

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.



12.8413, 17.1072, 9.9765



17.6616, 17.1072, 37.0215



17.6260, 17.1072, 7.6168

Square

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



17.6616, 17.1072, 37.0215



21.8147, 17.1072, 14.9890



14.9344, 17.1072, 7.6310



11.7385, 17.1072, 22.8103

Rectangle

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



17.6616, 17.1072, 37.0215



21.4539, 17.1072, 25.6033



14.9344, 17.1072, 7.6310



11.9801, 17.1072, 13.0489

Sweetspot

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



17.6622, 17.1078, 37.0219



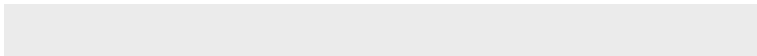
50.9579, 52.8213, 69.5659



23.5940, 30.9877, 32.7829



11.2104, 11.5985, 15.5854



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



17.6622, 17.1078, 37.0219



27.0597, 25.2237, 65.4986



18.2848, 15.2864, 36.6375



6.8203, 7.0996, 8.9140



5.6488, 3.0771, 27.2260



0.1503, 0.1279, 0.5826

Inverse Universe

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



22.5473, 17.9032, 17.8906



37.1624, 27.2913, 25.8389



27.1921, 33.2006, 16.7804



7.1343, 7.1102, 7.6934



11.9967, 6.1548, 1.9075



0.2680, 0.1357, 0.1242

Previews

White Background



This preview shows how the XYZ color 17.6616, 17.1072, 37.0215 looks on a white background.

Color Contrast Check

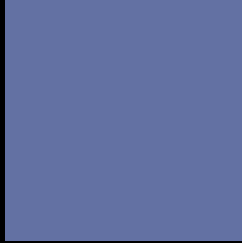
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 17.6616, 17.1072, 37.0215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

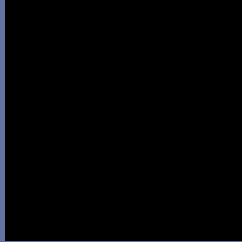
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

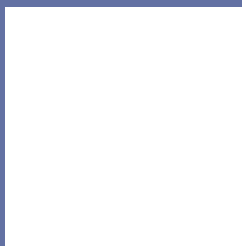
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.6616, 17.1072, 37.0215

Background



This preview shows how black text looks on a background with the XYZ color 17.6616, 17.1072, 37.0215.

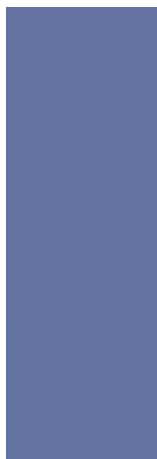


This preview shows how white text looks on a background with the XYZ color 17.6616, 17.1072,

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

17.6616, 17.1072, 37.0215

Protanopia

17.6616, 17.1072, 37.0215

Deuteranopia

17.5579, 17.2204, 37.0488



Tritanopia

14.9933, 17.2421, 23.3067

Trichromacy



Original Color

17.6616, 17.1072, 37.0215

Protanomaly

17.6616, 17.1072, 37.0215

Deuteranomaly

17.6652, 17.2756, 37.0538

Tritanomaly

15.7851, 17.0254, 27.6536

Monochromacy



Original Color

17.6616, 17.1072, 37.0215

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.4888, 16.9518, 24.2328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6616, 17.1072, 37.0215 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(99, 113, 163)` looks like.

```
.text, #text, p{  
    color:rgb(99, 113, 163)  
}
```

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(99, 113, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 113, 163) }
```

Border

The CSS property to change the border of an element to XYZ 17.6616, 17.1072, 37.0215 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(99, 113, 163) }
```


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

```
.border{ border-color:rgb(99, 113, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 113, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 113, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 113, 163);  
box-shadow:4px 4px 4px 4px rgb(99, 113,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6616, 17.1072, 37.0215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 113, 163) }
```

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

```
.background{ background-color: rgb(99, 113,  
163) }
```

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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