

Converting Colors

XYZ(17.0622, 17.1530, 32.9839)

Have a look what the booklet for
XYZ(17.0622, 17.1530, 32.9839)
contains.

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Color

**XYZ(17.1091, 17.2472,
32.9991)**

Conversions

Conversions Part 1

Format	Color
Hex	63739A
RGB	99, 115, 154
RGB Percent	39%, 45%, 60%
CMY	0.6118, 0.5490, 0.3961
CMYK	0.36, 0.25, 0.00, 0.40
HSL	223°, 22%, 50%
HSV	223°, 36%, 60%
XYZ	17.1091, 17.2472, 32.9991
YIQ	114.6620, -22.0550, 8.7370

Conversions

Conversions Part 2

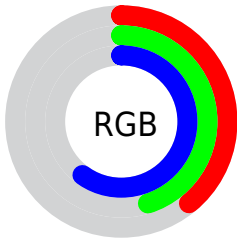
Format	Color
R _Y B	99, 111, 154
Decimal	6517658
CIE Lab	48.57, 4.00, -23.01
CIE LCh	49, 23.358, 279.849
Yxy	17.2472, 0.2540, 0.2561
Android (android.graphics.Color)	4284707738 (0xFF63739A)
YUV	114.6620, 19.3936, -13.7356
Hunter-Lab	41.5297, 0.8600, -18.0404

Details

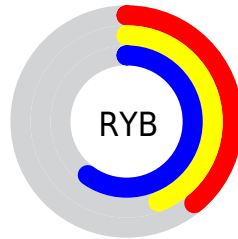
The XYZ color **17.1091, 17.2472, 32.9991** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.6675, 25.9484, 15.5136**, and the grayscale version is **16.1420, 16.9826, 18.4941**.

A 20% lighter version of the original color is **38.0898, 38.8202, 65.8071**, and **5.7220, 5.6466, 13.6203** is the 20% darker color. If you saturate the color by 10%, you get **14.4121, 14.1168, 32.5373**, and if you desaturate by 10%, it is **20.2757, 20.8394, 33.5259**.

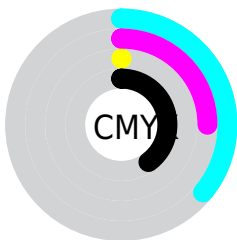
Distribution



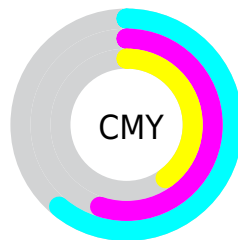
- Red (39%)
- Green (45%)
- Blue (60%)



- Red (39%)
- Yellow (44%)
- Blue (60%)



- Cyan (36%)
- Magenta (25%)
- Yellow (0%)
- Black (40%)



- Cyan (61%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1091, 17.2472, 32.9991 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 17.1091, 17.2472, 32.9991 by changing the saturation by 10% instead.

■ 17.1091, 17.2472,
32.9991

■ 17.1091, 17.2472,
32.9991

228.9443,
236.5929, 330.2776

■ 10.4081, 10.4109,
21.8546

■ 38.0554, 38.7503,
65.4901

■ 5.7347, 5.6722,
13.5528

■ 53.0313, 54.1859,
87.6738

■ 2.7236, 2.6468,
7.6751

■ 71.4963, 73.2567,
114.3742

■ 1.0093, 0.9503,
3.8030

■ 93.8157, 96.3472,
146.0100

■ 0.0000, 0.0000,
1.5179

120.3549,
123.8416, 182.9997

■ 0.0000, 0.0000,
0.2312

151.4791,

■ 0.0000, 0.0000,

156.1244, 225.7619

0.0000

187.5538,
193.5801, 274.7150

■ 17.1091, 17.2472,
32.9991

■ 17.1091, 17.2472,
32.9991

■ 14.4121, 14.1168,
32.5373

■ 20.2757, 20.8394,
33.5259

■ 12.1594, 11.4265,
32.1368

■ 23.9318, 24.9099,
34.1189

■ 10.3262, 9.1558,
31.7951

■ 28.0984, 29.4767,
34.7807

■ 8.8840, 7.2814,
31.5093

■ 32.7945, 34.5563,
35.5137

■ 7.8007, 5.7776,
31.2762

■ 38.0384, 40.1643,
36.3198

■ 7.0340, 4.6128,
31.0917

■ 43.8473, 46.3159,
37.2010

■ 6.7635, 4.1946,
31.0253

■ 50.2376, 53.0254,
38.1592

■ 57.2252, 60.3066,
39.1963

■ 64.8253, 68.1729,
40.3141

Harmonies

Analogous

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



15.0118, 17.2472, 32.2055



17.1091, 17.2472, 32.9991



19.1824, 17.2472, 29.3947

Triad

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



17.1091, 17.2472, 32.9991



19.7703, 17.2472, 12.1778



12.8155, 17.2472, 14.9943

Complementary

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



17.1091, 17.2472, 32.9991



24.6675, 25.9484, 15.5136

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.



13.8879, 17.2472, 11.0875



17.1091, 17.2472, 32.9991



17.8563, 17.2472, 9.7246

Square

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



17.1091, 17.2472, 32.9991



20.8050, 17.2472, 16.8291



15.6971, 17.2472, 9.3746



12.6534, 17.2472, 20.8745

Rectangle

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



17.1091, 17.2472, 32.9991



20.2272, 17.2472, 25.3643



15.6971, 17.2472, 9.3746



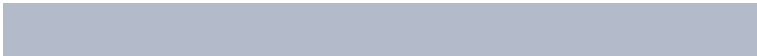
13.0767, 17.2472, 13.4457

Sweetspot

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



17.1097, 17.2479, 32.9995



46.7568, 48.8636, 62.5036



21.2530, 27.5848, 28.0601



10.3723, 10.8285, 14.1138



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.1097, 17.2479, 32.9995



27.0249, 26.6350, 59.2530



16.7256, 14.5725, 32.5034



6.0236, 6.3046, 7.8284



5.5381, 3.4728, 25.2861



0.1113, 0.1089, 0.3875

Inverse Universe

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



20.8833, 17.0322, 18.4071



35.0550, 26.5961, 28.1068



25.1359, 29.8520, 16.2424



6.2790, 6.2508, 6.8495



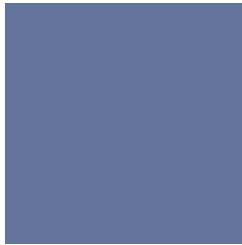
11.2541, 5.7559, 2.5973



0.1826, 0.0918, 0.1146

Previews

White Background



This preview shows how the XYZ color 17.1091, 17.2472, 32.9991 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 17.1091, 17.2472, 32.9991 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

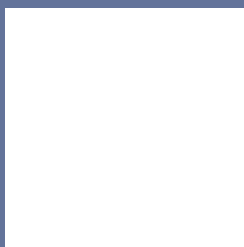
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1091, 17.2472, 32.9991

Background



This preview shows how black text looks on a background with the XYZ color 17.1091, 17.2472, 32.9991.



This preview shows how white text looks on a background with the XYZ color 17.1091, 17.2472,

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

17.1091, 17.2472, 32.9991

Protanopia

17.4760, 17.2776, 32.5508

Deuteranopia

17.5636, 17.1466, 32.9558



Tritanopia

15.1931, 17.3451, 23.3160

Trichromacy



Original Color

17.1091, 17.2472, 32.9991

Protanomaly

17.2466, 17.1593, 32.5401

Deuteranomaly

17.4436, 17.2513, 32.9823

Tritanomaly

15.7852, 17.2247, 26.5375

Monochromacy



Original Color

17.1091, 17.2472, 32.9991

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.3999, 17.0977, 23.2047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1091, 17.2472, 32.9991 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, 115, 154) looks like.

```
.text, #text, p{  
    color:rgb(99, 115, 154)  
}
```

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, 115, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 115, 154) }
```

Border

The CSS property to change the border of an element to XYZ 17.1091, 17.2472, 32.9991 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, 115, 154) }
```


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

```
.border{ border-color:rgb(99, 115, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 115, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 115, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 115, 154);  
box-shadow:4px 4px 4px 4px rgb(99, 115,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1091, 17.2472, 32.9991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 115, 154) }
```

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

```
.background{ background-color: rgb(99, 115,  
154) }
```

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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