

Converting Colors

XYZ(17.5639, 16.9267, 32.4788)

Have a look what the booklet for
XYZ(17.5639, 16.9267, 32.4788)
contains.

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Color

**XYZ(17.6073, 17.0140,
32.4930)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7099
RGB	107, 112, 153
RGB Percent	42%, 44%, 60%
CMY	0.5804, 0.5608, 0.4000
CMYK	0.30, 0.27, 0.00, 0.40
HSL	233°, 18%, 51%
HSV	233°, 30%, 60%
XYZ	17.6073, 17.0140, 32.4930
YIQ	115.1790, -16.1410, 11.6910

Conversions

Conversions Part 2

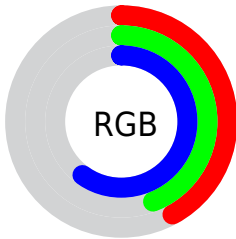
Format	Color
R_{YB}	107, 112, 153
Decimal	7041177
CIE Lab	48.28, 7.97, -22.83
CIE LCh	48, 24.179, 289.245
Yxy	17.0140, 0.2623, 0.2535
Android (android.graphics.Color)	4285231257 (0xFF6B7099)
YUV	115.1790, 18.6458, -7.1730
Hunter-Lab	41.2480, 4.0112, -17.8319

Details

The XYZ color **17.6073, 17.0140, 32.4930** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **26.3809, 29.0139, 18.1203**, and the grayscale version is **16.2991, 17.1479, 18.6741**.

A 20% lighter version of the original color is **38.8360, 38.4268, 64.4017**, and **5.9766, 5.5256, 13.3219** is the 20% darker color. If you saturate the color by 10%, you get **14.5357, 13.3638, 31.9506**, and if you desaturate by 10%, it is **21.2335, 21.2891, 33.1274**.

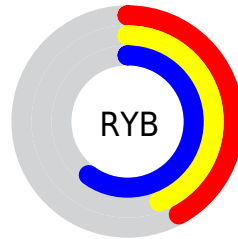
Distribution



Red (42%)

Green (44%)

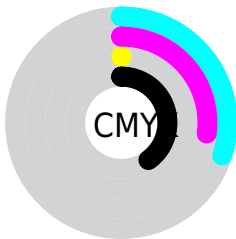
Blue (60%)



Red (42%)

Yellow (44%)

Blue (60%)

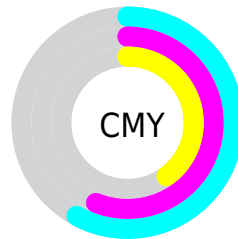


Cyan (30%)

Magenta (27%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (56%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6073, 17.0140, 32.4930 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 17.6073, 17.0140, 32.4930 by changing the saturation by 10% instead.

■ 17.6073, 17.0140,
32.4930

■ 17.6073, 17.0140,
32.4930

231.7368,
235.2530, 327.9206

■ 10.7664, 10.2445,
21.4704

■ 38.9024, 38.3498,
64.6900

■ 5.9761, 5.5614,
13.2737

■ 54.0873, 53.6850,
86.7015

■ 2.8711, 2.5802,
7.4843

■ 72.7842, 72.6440,
113.2131

■ 1.0860, 0.9167,
3.6838

■ 95.3585, 95.6115,
144.6432

■ 0.0133, 0.0000,
1.4535

122.1756,
122.9717, 181.4105

■ 0.0000, 0.0000,
0.1830

153.6007,

■ 0.0000, 0.0000,

155.1092, 223.9335

0.0000

189.9994,
192.4081, 272.6307

■ 17.6073, 17.0140,
32.4930

■ 17.6073, 17.0140,
32.4930

■ 14.5357, 13.3638,
31.9506

■ 21.2335, 21.2891,
33.1274

■ 11.9895, 10.3073,
31.4949

■ 25.4380, 26.2146,
33.8565

■ 9.9396, 7.8134,
31.1215

■ 30.2452, 31.8166,
34.6844

■ 8.3533, 5.8476,
30.8257

■ 35.6777, 38.1197,
35.6147

■ 7.1939, 4.3714,
30.6019

■ 41.7569, 45.1468,
36.6507

■ 6.4190, 3.3409,
30.4438

■ 48.5031, 52.9201,
37.7955

■ 5.9446, 2.6895,
30.3431

■ 55.9358, 61.4605,
39.0522

■ 64.0736, 70.7885,
40.4238

■ 72.9346, 80.9235,
41.9130

Harmonies

Analogous

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



15.3940, 17.0140, 33.1734



17.6073, 17.0140, 32.4930



19.5951, 17.0140, 27.6221

Triad

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



17.6073, 17.0140, 32.4930



19.0957, 17.0140, 10.7747



12.3583, 17.0140, 16.3535

Complementary

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



17.6073, 17.0140, 32.4930



26.3809, 29.0139, 18.1203

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.



13.1715, 17.0140, 11.6835



17.6073, 17.0140, 32.4930



16.9743, 17.0140, 8.9839

Square

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



17.6073, 17.0140, 32.4930



20.5069, 17.0140, 14.8093



14.8156, 17.0140, 9.2738



12.4944, 17.0140, 22.8162

Rectangle

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



17.6073, 17.0140, 32.4930



20.4622, 17.0140, 23.1631



14.8156, 17.0140, 9.2738



12.5266, 17.0140, 14.5521

Sweetspot

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



17.6079, 17.0147, 32.4934



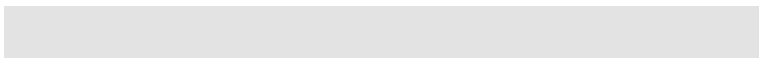
46.2751, 47.7868, 60.7568



22.7713, 28.0351, 32.0765



9.9776, 10.2710, 13.3741



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.6079, 17.0147, 32.4934



27.7688, 26.0038, 57.5276



19.4119, 17.1483, 32.4241



5.9359, 6.1291, 7.7992



4.9264, 2.2495, 25.0822



0.0861, 0.0585, 0.3791

Inverse Universe

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



21.3196, 18.4581, 17.7690



35.5331, 29.1353, 26.7020



24.0962, 29.0257, 18.2430



6.2347, 6.2331, 6.6163



10.9454, 5.6324, 0.9714



0.1699, 0.0867, 0.0476

Previews

White Background



This preview shows how the XYZ color 17.6073, 17.0140, 32.4930 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 17.6073, 17.0140, 32.4930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

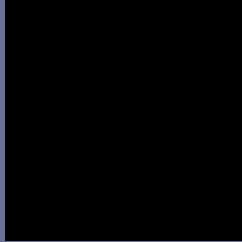
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.6073, 17.0140, 32.4930

Background



This preview shows how black text looks on a background with the XYZ color 17.6073, 17.0140, 32.4930.



This preview shows how white text looks on a background with the XYZ color 17.6073, 17.0140,

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

17.6073, 17.0140, 32.4930

Protanopia

17.3314, 17.0269, 32.9449

Deuteranopia

17.3638, 17.0532, 32.5134



Tritanopia

15.4940, 16.9956, 22.2025

Trichromacy



Original Color

17.6073, 17.0140, 32.4930

Protanomaly

17.4468, 17.0864, 32.9503

Deuteranomaly

17.4806, 17.1134, 32.5189

Tritanomaly

16.1682, 16.9226, 25.7068

Monochromacy



Original Color

17.6073, 17.0140, 32.4930

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.6619, 17.0644, 23.1845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6073, 17.0140, 32.4930 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(107, 112, 153)` looks like.

```
.text, #text, p{  
    color:rgb(107, 112, 153)  
}
```

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(107, 112, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 112, 153) }
```

Border

The CSS property to change the border of an element to XYZ 17.6073, 17.0140, 32.4930 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(107, 112, 153) }
```


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

```
.border{ border-color:rgb(107, 112, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 112, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 112, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 112, 153);  
box-shadow:4px 4px 4px 4px rgb(107, 112,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6073, 17.0140, 32.4930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 112, 153) }
```

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

```
.background{ background-color: rgb(107,  
112, 153) }
```

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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