

Converting Colors

XYZ(17.4328, 18.8610, 33.0017)

Have a look what the booklet for
XYZ(17.4328, 18.8610, 33.0017)
contains.

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Color

**XYZ(17.3469, 18.7930,
32.8501)**

Conversions

Conversions Part 1

Format	Color
Hex	5D7B99
RGB	93, 123, 153
RGB Percent	36%, 48%, 60%
CMY	0.6353, 0.5176, 0.4000
CMYK	0.39, 0.20, 0.00, 0.40
HSL	210°, 24%, 48%
HSV	210°, 39%, 60%
XYZ	17.3469, 18.7930, 32.8501
YIQ	117.4500, -27.5100, 2.9700

Conversions

Conversions Part 2

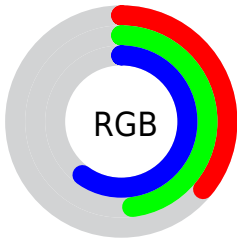
Format	Color
R _Y B	93, 113, 153
Decimal	6126489
CIE Lab	50.44, -2.78, -19.58
CIE LCh	50, 19.777, 261.917
Yxy	18.7930, 0.2514, 0.2724
Android (android.graphics.Color)	4284316569 (0xFF5D7B99)
YUV	117.4500, 17.5262, -21.4426
Hunter-Lab	43.3509, -4.4371, -14.5827

Details

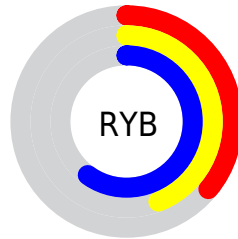
The XYZ color **17.3469, 18.7930, 32.8501** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **22.1959, 21.7288, 13.3806**, and the grayscale version is **17.0020, 17.8875, 19.4794**.

A 20% lighter version of the original color is **38.2695, 41.1847, 64.9639**, and **5.8433, 6.3705, 13.4920** is the 20% darker color. If you saturate the color by 10%, you get **15.0384, 16.2491, 32.4811**, and if you desaturate by 10%, it is **20.0407, 21.6464, 33.2592**.

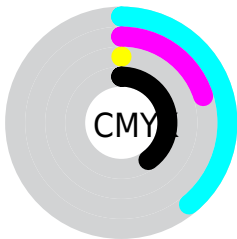
Distribution



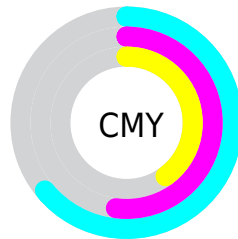
- Red (36%)
- Green (48%)
- Blue (60%)



- Red (36%)
- Yellow (44%)
- Blue (60%)



- Cyan (39%)
- Magenta (20%)
- Yellow (0%)
- Black (40%)



- Cyan (64%)
- Magenta (52%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3469, 18.7930, 32.8501 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 17.3469, 18.7930, 32.8501 by changing the saturation by 10% instead.

■ 17.3469, 18.7930,
32.8501

■ 17.3469, 18.7930,
32.8501

230.2811,
245.3036, 329.5850

■ 10.5790, 11.5208,
21.7415

■ 38.4601, 41.3840,
65.2547

■ 5.8497, 6.4183,
13.4706

■ 53.5361, 57.4716,
87.3878

■ 2.7937, 3.1011,
7.6188

■ 72.1122, 77.2665,
114.0328

■ 1.0456, 1.1847,
3.7678

■ 94.5537, 101.1530,
145.6082

■ 0.0000, 0.0492,
1.4988

121.2260,
129.5156, 182.5326

■ 0.0000, 0.0000,
0.2171

152.4944,

■ 0.0000, 0.0000,

162.7387, 225.2245

0.0000

188.7243,
201.2065, 274.1025

■ 17.3469, 18.7930,
32.8501

■ 17.3469, 18.7930,
32.8501

■ 15.0384, 16.2491,
32.4811

■ 20.0407, 21.6464,
33.2592

■ 13.0930, 13.9997,
32.1494

■ 23.1365, 24.8192,
33.7085

■ 11.4891, 12.0312,
31.8540

■ 26.6524, 28.3234,
34.1995

■ 10.2015, 10.3282,
31.5932

■ 30.6048, 32.1697,
34.7336

■ 9.2013, 8.8728,
31.3650

■ 35.0089, 36.3683,
35.3119

■ 8.4260, 7.6300,
31.1659

■ 39.8794, 40.9288,
35.9355

■ 8.3691, 7.5384,
31.1513

■ 45.2303, 45.8606,
36.6054

■ 51.0748, 51.1725,
37.3226

■ 57.4258, 56.8731,
38.0882

Harmonies

Analogous

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



15.6756, 18.7930, 29.9886



17.3469, 18.7930, 32.8501



19.2793, 18.7930, 31.9527

Triad

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



17.3469, 18.7930, 32.8501



21.5197, 18.7930, 16.7562



15.1050, 18.7930, 14.5971

Complementary

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



17.3469, 18.7930, 32.8501



22.1959, 21.7288, 13.3806

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.



16.5163, 18.7930, 12.1213



17.3469, 18.7930, 32.8501



20.2432, 18.7930, 13.2030

Square

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



17.3469, 18.7930, 32.8501



21.7819, 18.7930, 21.9890



18.3876, 18.7930, 11.6613



14.4434, 18.7930, 19.0081

Rectangle

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



17.3469, 18.7930, 32.8501



20.4500, 18.7930, 29.4046



18.3876, 18.7930, 11.6613



15.5025, 18.7930, 13.5462

Sweetspot

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



17.3475, 18.7937, 32.8505



45.7468, 48.7629, 60.9730



19.4187, 26.5151, 22.5073



9.9377, 10.6048, 13.4406



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.



17.3475, 18.7937, 32.8505



27.4262, 29.6559, 58.2506



14.2671, 12.6330, 31.8238



6.1268, 6.5110, 7.8628



6.9502, 6.2971, 25.7568



0.1402, 0.1668, 0.3972

Inverse Universe

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



20.6268, 16.0316, 20.7469



34.3014, 24.5890, 32.7128



26.3412, 30.0194, 14.7624



6.3311, 6.2716, 7.1239



11.9669, 6.0410, 6.3507



0.1972, 0.0976, 0.1915

Previews

White Background



This preview shows how the XYZ color 17.3469, 18.7930, 32.8501 looks on a white background.

Color Contrast Check

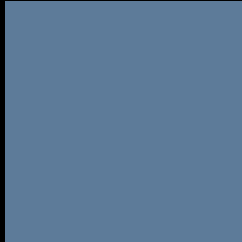
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 17.3469, 18.7930, 32.8501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

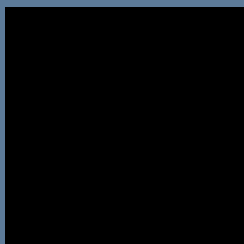
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

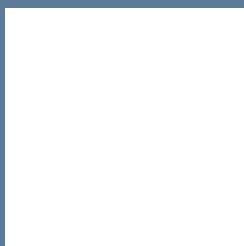
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3469, 18.7930, 32.8501

Background



This preview shows how black text looks on a background with the XYZ color 17.3469, 18.7930, 32.8501.

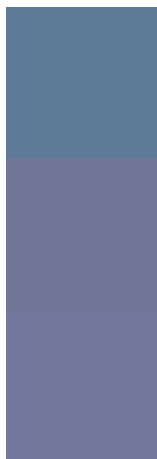


This preview shows how white text looks on a background with the XYZ color 17.3469, 18.7930,

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

17.3469, 18.7930, 32.8501

Protanopia

18.6655, 18.6036, 31.4612

Deuteranopia

19.1212, 18.8007, 33.1929



Tritanopia

16.0246, 18.8231, 26.0812

Trichromacy



Original Color

17.3469, 18.7930, 32.8501

Protanomaly

18.1281, 18.6706, 31.9265

Deuteranomaly

18.4931, 18.8302, 33.2318

Tritanomaly

16.4325, 18.7939, 28.3527

Monochromacy



Original Color

17.3469, 18.7930, 32.8501

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.8104, 17.9935, 23.7062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3469, 18.7930, 32.8501 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(93, 123, 153) looks like.

```
.text, #text, p{  
    color:rgb(93, 123, 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(93, 123, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 123, 153) }
```

Border

The CSS property to change the border of an element to XYZ 17.3469, 18.7930, 32.8501 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(93, 123, 153) }
```


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

```
.border{ border-color:rgb(93, 123, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 123, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 123, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 123, 153);  
box-shadow:4px 4px 4px 4px rgb(93, 123,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3469, 18.7930, 32.8501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 123, 153) }
```

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

```
.background{ background-color: rgb(93, 123,  
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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