

Converting Colors

XYZ(17.3766, 18.9042, 32.6063)

Have a look what the booklet for
XYZ(17.3766, 18.9042, 32.6063)
contains.

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Color

**XYZ(17.2647, 18.7601,
32.4169)**

Conversions

Conversions Part 1

Format	Color
Hex	5D7B98
RGB	93, 123, 152
RGB Percent	36%, 48%, 60%
CMY	0.6353, 0.5176, 0.4039
CMYK	0.39, 0.19, 0.00, 0.40
HSL	209°, 24%, 48%
HSV	209°, 39%, 60%
XYZ	17.2647, 18.7601, 32.4169
YIQ	117.3360, -27.1890, 2.6590

Conversions

Conversions Part 2

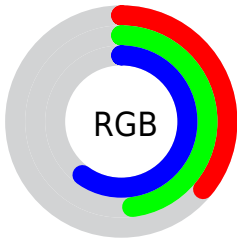
Format	Color
R_{YB}	93, 113, 152
Decimal	6126488
CIE _{Lab}	50.41, -3.06, -19.05
CIE _{LCh}	50, 19.299, 260.870
Yxy	18.7601, 0.2523, 0.2741
Android (android.graphics.Color)	4284316568 (0xFF5D7B98)
YUV	117.3360, 17.0894, -21.3427
Hunter-Lab	43.3129, -4.6468, -14.0556

Details

The XYZ color **17.2647, 18.7601, 32.4169** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **21.8847, 21.3853, 13.3309**, and the grayscale version is **16.9679, 17.8516, 19.4404**.

A 20% lighter version of the original color is **38.1476, 41.1359, 64.3220**, and **5.7940, 6.3507, 13.2324** is the 20% darker color. If you saturate the color by 10%, you get **14.9848, 16.2614, 32.0551**, and if you desaturate by 10%, it is **19.9224, 21.5594, 32.8175**.

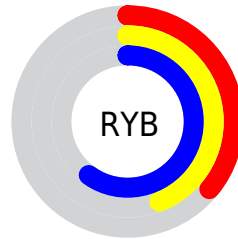
Distribution



Red (36%)

Green (48%)

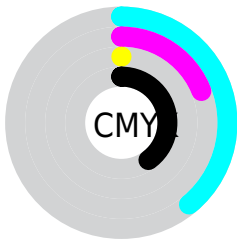
Blue (60%)



Red (36%)

Yellow (44%)

Blue (60%)

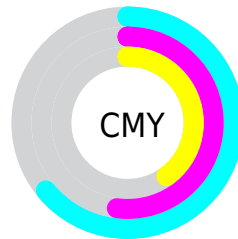


Cyan (39%)

Magenta (19%)

Yellow (0%)

Black (40%)



Cyan (64%)

Magenta (52%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2647, 18.7601, 32.4169 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 17.2647, 18.7601, 32.4169 by changing the saturation by 10% instead.

■ 17.2647, 18.7601,
32.4169

■ 17.2647, 18.7601,
32.4169

229.8198,
245.1212, 327.5651

■ 10.5199, 11.4971,
21.4127

■ 38.3203, 41.3283,
64.5696

■ 5.8099, 6.4022,
13.2318

■ 53.3618, 57.4023,
86.5551

■ 2.7694, 3.0912,
7.4558

■ 71.8996, 77.1821,
113.0381

■ 1.0330, 1.1795,
3.6660

■ 94.2990, 101.0520,
144.4373

■ 0.0000, 0.0449,
1.4440

120.9253,
129.3964, 181.1710

■ 0.0000, 0.0000,
0.1757

152.1440,

■ 0.0000, 0.0000,

162.5999, 223.6578

0.0000

188.3204,
201.0466, 272.3163

■ 17.2647, 18.7601,
32.4169

■ 17.2647, 18.7601,
32.4169

■ 14.9848, 16.2614,
32.0551

■ 19.9224, 21.5594,
32.8175

■ 13.0611, 14.0486,
31.7294

■ 22.9743, 24.6688,
33.2568

■ 11.4724, 12.1087,
31.4387

■ 26.4379, 28.1000,
33.7365

■ 10.1942, 10.4268,
31.1814

■ 30.3293, 31.8632,
34.2578

■ 9.1984, 8.9855,
30.9557

■ 34.6634, 35.9683,
34.8217

■ 8.4270, 7.7524,
30.7583

■ 39.4546, 40.4247,
35.4294

■ 8.3418, 7.6154,
30.7364

■ 44.7164, 45.2413,
36.0818

■ 50.4620, 50.4268,
36.7798

■ 56.7037, 55.9895,
37.5246

Harmonies

Analogous

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



15.6502, 18.7601, 29.5329



17.2647, 18.7601, 32.4169



19.1469, 18.7601, 31.6786

Triad

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



17.2647, 18.7601, 32.4169



21.4179, 18.7601, 16.9632



15.1768, 18.7601, 14.5766

Complementary

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



17.2647, 18.7601, 32.4169



21.8847, 21.3853, 13.3309

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.



16.5766, 18.7601, 12.2150



17.2647, 18.7601, 32.4169



20.2053, 18.7601, 13.4158

Square

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



17.2647, 18.7601, 32.4169



21.6344, 18.7601, 22.1099



18.4094, 18.7601, 11.8310



14.5016, 18.7601, 18.8309

Rectangle

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



17.2647, 18.7601, 32.4169



20.2967, 18.7601, 29.2758



18.4094, 18.7601, 11.8310



15.5734, 18.7601, 13.5687

Sweetspot

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



17.2653, 18.7608, 32.4173



44.4911, 47.4629, 59.2500



19.2260, 26.1773, 22.2958



9.9480, 10.6254, 13.4441



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.



17.2653, 18.7608, 32.4173



26.7853, 29.0786, 56.6347



14.1835, 12.5973, 31.3901



6.1311, 6.5195, 7.8642



7.0254, 6.4474, 25.7819



0.1414, 0.1692, 0.3976

Inverse Universe

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



20.4390, 15.9348, 20.7381



33.3982, 23.9306, 32.1329



25.9944, 29.6047, 14.7008



6.3333, 6.2725, 7.1351



12.0049, 6.0562, 6.5505



0.1978, 0.0979, 0.1946

Previews

White Background



This preview shows how the XYZ color 17.2647, 18.7601, 32.4169 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 17.2647, 18.7601, 32.4169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

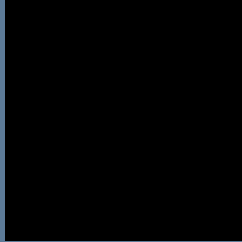
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

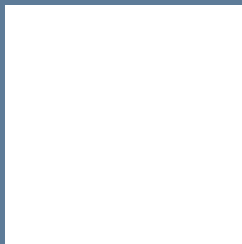
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.2647, 18.7601, 32.4169

Background



This preview shows how black text looks on a background with the XYZ color 17.2647, 18.7601, 32.4169.

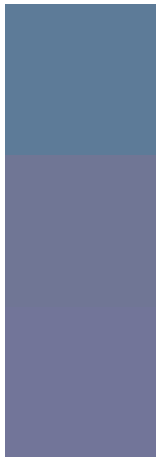


This preview shows how white text looks on a background with the XYZ color 17.2647, 18.7601,

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

17.2647, 18.7601, 32.4169

Protanopia

18.5853, 18.5715, 31.0389

Deuteranopia

19.0505, 18.5999, 32.7231



Tritanopia

16.0246, 18.8231, 26.0812

Trichromacy



Original Color

17.2647, 18.7601, 32.4169

Protanomaly

18.0472, 18.6382, 31.5005

Deuteranomaly

18.2905, 18.5577, 32.7550

Tritanomaly

16.4325, 18.7939, 28.3527

Monochromacy



Original Color

17.2647, 18.7601, 32.4169

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 17.2647, 18.7601, 32.4169 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, 152) looks like.

```
.text, #text, p{  
    color:rgb(93, 123, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 123, 152) }
```

Border

The CSS property to change the border of an element to XYZ 17.2647, 18.7601, 32.4169 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, 152) }
```


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

```
.border{ border-color:rgb(93, 123, 152) }
```

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, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 123, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 123, 152);  
box-shadow:4px 4px 4px 4px rgb(93, 123,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2647, 18.7601, 32.4169 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, 152) }
```

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

```
.background{ background-color: rgb(93, 123,  
152) }
```

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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