

Converting Colors

XYZ(17.1918, 18.2197, 32.4202)

Have a look what the booklet for
XYZ(17.1918, 18.2197, 32.4202)
contains.

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Color

**XYZ(17.1033, 18.1328,
32.3043)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7898
RGB	95, 120, 152
RGB Percent	37%, 47%, 60%
CMY	0.6274, 0.5294, 0.4039
CMYK	0.37, 0.21, 0.00, 0.40
HSL	214°, 23%, 48%
HSV	214°, 37%, 60%
XYZ	17.1033, 18.1328, 32.3043
YIQ	116.1730, -25.1720, 4.6520

Conversions

Conversions Part 2

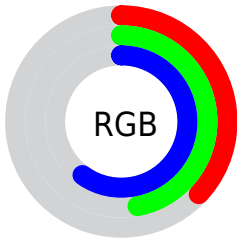
Format	Color
R_{YB}	95, 112, 152
Decimal	6256792
CIE _{Lab}	49.66, -0.72, -20.19
CIE _{LCh}	50, 20.204, 267.955
Yxy	18.1328, 0.2532, 0.2685
Android (android.graphics.Color)	4284446872 (0xFF5F7898)
YUV	116.1730, 17.6627, -18.5687
Hunter-Lab	42.5826, -2.8251, -15.1711

Details

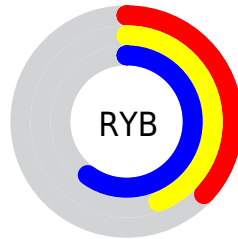
The XYZ color **17.1033, 18.1328, 32.3043** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **22.6043, 22.6809, 14.0137**, and the grayscale version is **16.6070, 17.4719, 19.0269**.

A 20% lighter version of the original color is **37.9257, 40.1643, 64.1461**, and **5.7485, 6.1322, 13.1926** is the 20% darker color. If you saturate the color by 10%, you get **14.6949, 15.4353, 31.9109**, and if you desaturate by 10%, it is **19.9125, 21.1734, 32.7435**.

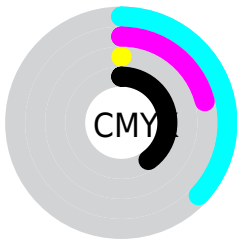
Distribution



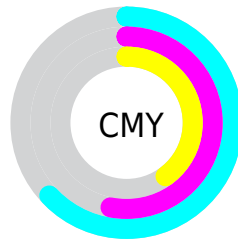
- Red (37%)
- Green (47%)
- Blue (60%)



- Red (37%)
- Yellow (44%)
- Blue (60%)



- Cyan (37%)
- Magenta (21%)
- Yellow (0%)
- Black (40%)



- Cyan (63%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1033, 18.1328, 32.3043 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 17.1033, 18.1328, 32.3043 by changing the saturation by 10% instead.

■ 17.1033, 18.1328,
32.3043

■ 17.1033, 18.1328,
32.3043

228.9116,
241.6185, 327.0385

■ 10.4039, 11.0454,
21.3273

■ 38.0455, 40.2635,
64.3913

■ 5.7319, 6.0974,
13.1699

■ 53.0190, 56.0755,
86.3383

■ 2.7219, 2.9044,
7.4135

■ 71.4813, 75.5646,
112.7791

■ 1.0084, 1.0820,
3.6397

■ 93.7977, 99.1150,
144.1322

■ 0.0000, 0.0000,
1.4298

120.3336,
127.1112, 180.8162

■ 0.0000, 0.0000,
0.1648

151.4543,

■ 0.0000, 0.0000,

159.9376, 223.2495

0.0000

187.5252,
197.9786, 271.8507

■ 17.1033, 18.1328,
32.3043

■ 17.1033, 18.1328,
32.3043

■ 14.6949, 15.4353,
31.9109

■ 19.9125, 21.1734,
32.7435

■ 12.6651, 13.0649,
31.5603

■ 23.1394, 24.5683,
33.2287

■ 10.9922, 11.0071,
31.2513

■ 26.8024, 28.3303,
33.7617

■ 9.6512, 9.2452,
30.9819

■ 30.9178, 32.4713,
34.3441

■ 8.6136, 7.7603,
30.7500

■ 35.5013, 37.0023,
34.9771

■ 7.8311, 6.5235,
30.5525

■ 40.5679, 41.9339,
35.6620

■ 7.6550, 6.2418,
30.5074

■ 46.1315, 47.2764,
36.3999

■ 52.2059, 53.0395,
37.1922

■ 58.8040, 59.2328,
38.0399

Harmonies

Analogous

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



15.3495, 18.1328, 30.1279



17.1033, 18.1328, 32.3043



19.0236, 18.1328, 30.6307

Triad

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



17.1033, 18.1328, 32.3043



20.7051, 18.1328, 15.1910



14.2915, 18.1328, 14.6490

Complementary

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



17.1033, 18.1328, 32.3043



22.6043, 22.6809, 14.0137

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.



15.5616, 18.1328, 11.8006



17.1033, 18.1328, 32.3043



19.2683, 18.1328, 12.0703

Square

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



17.1033, 18.1328, 32.3043



21.1929, 18.1328, 20.1232



17.3667, 18.1328, 10.9513



13.8028, 18.1328, 19.3687

Rectangle

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



17.1033, 18.1328, 32.3043



20.1237, 18.1328, 27.7031



17.3667, 18.1328, 10.9513



14.6363, 18.1328, 13.4764

Sweetspot

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



17.1039, 18.1335, 32.3047



44.8143, 47.4610, 59.2326



19.7366, 26.4052, 23.9144



10.0035, 10.6003, 13.4363



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.



17.1039, 18.1335, 32.3047



26.5814, 27.9776, 56.4329



14.7812, 13.0405, 31.4441



6.0962, 6.4498, 7.8526



6.4484, 5.2934, 25.5896



0.1317, 0.1498, 0.3943

Inverse Universe

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



20.4318, 16.2165, 19.8232



33.4644, 24.6049, 30.4847



25.7160, 29.6868, 15.2019



6.3157, 6.2654, 7.0425



11.7136, 5.9397, 5.0168



0.1930, 0.0959, 0.1689

Previews

White Background



This preview shows how the XYZ color 17.1033, 18.1328, 32.3043 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 17.1033, 18.1328, 32.3043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

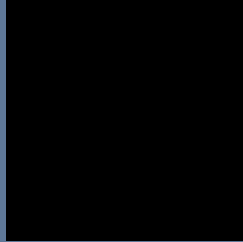
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

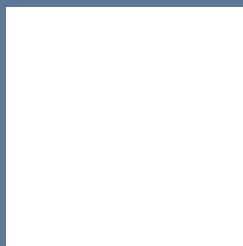
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1033, 18.1328, 32.3043

Background



This preview shows how black text looks on a background with the XYZ color 17.1033, 18.1328, 32.3043.

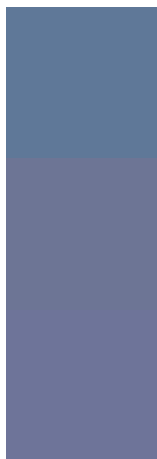


This preview shows how white text looks on a background with the XYZ color 17.1033, 18.1328,

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

17.1033, 18.1328, 32.3043

Protanopia

18.0928, 18.1437, 30.9823

Deuteranopia

18.4256, 18.1057, 32.6606



Tritanopia

15.5330, 18.0330, 24.8523

Trichromacy



Original Color

17.1033, 18.1328, 32.3043

Protanomaly

17.6924, 18.1019, 31.4157

Deuteranomaly

17.9368, 18.0257, 32.6709

Tritanomaly

16.1068, 18.0878, 27.4533

Monochromacy



Original Color

17.1033, 18.1328, 32.3043

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.5081, 17.4957, 23.2758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1033, 18.1328, 32.3043 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(95, 120, 152) looks like.

```
.text, #text, p{  
    color:rgb(95, 120, 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(95, 120, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 120, 152) }
```

Border

The CSS property to change the border of an element to XYZ 17.1033, 18.1328, 32.3043 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(95, 120, 152) }
```


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

```
.border{ border-color:rgb(95, 120, 152) }
```

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

Here you see how a box with a 4 pixel rgb(95, 120, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 120, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 120, 152);  
box-shadow:4px 4px 4px 4px rgb(95, 120,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1033, 18.1328, 32.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 120, 152) }
```

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

```
.background{ background-color: rgb(95, 120,  
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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