

Converting Colors

XYZ(17.3277, 16.4337, 32.3958)

Have a look what the booklet for
XYZ(17.3277, 16.4337, 32.3958)
contains.

XYZ(17.2818, 16.3630, 32.3845)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.2818, 16.3630,
32.3845)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6D99
RGB	107, 109, 153
RGB Percent	42%, 43%, 60%
CMY	0.5804, 0.5725, 0.4000
CMYK	0.30, 0.29, 0.00, 0.40
HSL	237°, 18%, 51%
HSV	237°, 30%, 60%
XYZ	17.2818, 16.3630, 32.3845
YIQ	113.4180, -15.3160, 13.2600

Conversions

Conversions Part 2

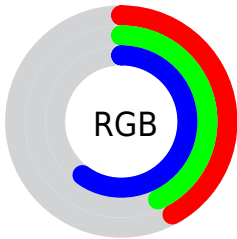
Format	Color
R_{YB}	107, 109, 153
Decimal	7040409
CIE _{Lab}	47.45, 9.78, -24.11
CIE _{LCh}	47, 26.019, 292.083
Yxy	16.3630, 0.2617, 0.2478
Android (android.graphics.Color)	4285230489 (0xFF6B6D99)
YUV	113.4180, 19.5139, -5.6286
Hunter-Lab	40.4512, 5.4702, -19.1507

Details

The XYZ color **17.2818, 16.3630, 32.3845** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **26.8576, 29.9672, 18.2791**, and the grayscale version is **15.7677, 16.5888, 18.0653**.

A 20% lighter version of the original color is **38.2540, 37.0666, 64.8129**, and **5.8658, 5.3041, 13.2850** is the 20% darker color. If you saturate the color by 10%, you get **14.1692, 12.6309, 31.8285**, and if you desaturate by 10%, it is **20.9809, 20.7841, 33.0432**.

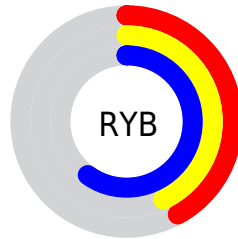
Distribution



Red (42%)

Green (43%)

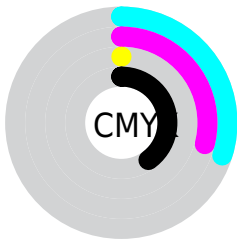
Blue (60%)



Red (42%)

Yellow (43%)

Blue (60%)

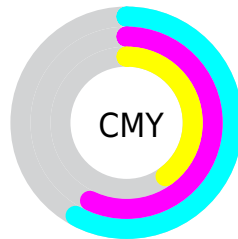


Cyan (30%)

Magenta (29%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (57%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2818, 16.3630, 32.3845 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 17.2818, 16.3630, 32.3845 by changing the saturation by 10% instead.

■ 17.2818, 16.3630,
32.3845

■ 17.2818, 16.3630,
32.3845

229.9158,
231.4743, 327.4136

■ 10.5322, 9.7814,
21.3881

■ 38.3494, 37.2273,
64.5183

■ 5.8182, 5.2542,
13.2140

■ 53.3981, 52.2787,
86.4927

■ 2.7744, 2.3972,
7.4436

■ 71.9438, 70.9222,
112.9636

■ 1.0356, 0.8244,
3.6584

■ 94.3520, 93.5421,
144.3495

■ 0.0000, 0.0000,
1.4399

120.9879,
120.5229, 181.0689

■ 0.0000, 0.0000,
0.1725

152.2169,

■ 0.0000, 0.0000,

152.2489, 223.5404

0.0000

188.4045,
189.1046, 272.1824

■ 17.2818, 16.3630,
32.3845

■ 17.2818, 16.3630,
32.3845

■ 14.1692, 12.6309,
31.8285

■ 20.9809, 20.7841,
33.0432

■ 11.6115, 9.5513,
31.3688

■ 25.2928, 25.9243,
33.8081

■ 9.5765, 7.0872,
31.0005

■ 30.2441, 31.8145,
34.6840

■ 8.0282, 5.1972,
30.7173

■ 35.8594, 38.4831,
35.6752

■ 6.9257, 3.8350,
30.5125

■ 42.1619, 45.9568,
36.7856

■ 6.2219, 2.9467,
30.3781

■ 49.1738, 54.2614,
38.0190

■ 5.8220, 2.4444,
30.3022

■ 56.9162, 63.4214,
39.3790

■ 65.4095, 73.4603,
40.8691

■ 74.6731, 84.4005,
42.4925

Harmonies

Analogous

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



14.9491, 16.3630, 33.6081



17.2818, 16.3630, 32.3845



19.3240, 16.3630, 26.8267

Triad

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



17.2818, 16.3630, 32.3845



18.4431, 16.3630, 9.5513



11.5571, 16.3630, 16.1221

Complementary

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



17.2818, 16.3630, 32.3845



26.8576, 29.9672, 18.2791

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.



12.3068, 16.3630, 11.0902



17.2818, 16.3630, 32.3845



16.1721, 16.3630, 7.9580

Square

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



17.2818, 16.3630, 32.3845



20.0393, 16.3630, 13.4517



13.9427, 16.3630, 8.4416



11.7911, 16.3630, 23.0361

Rectangle

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



17.2818, 16.3630, 32.3845



20.1703, 16.3630, 22.0209



13.9427, 16.3630, 8.4416



11.6996, 16.3630, 14.1846

Sweetspot

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



17.2824, 16.3636, 32.3849



46.0354, 47.3074, 60.6769



23.0166, 28.1332, 33.3680



9.9179, 10.1517, 13.3542



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.



17.2824, 16.3636, 32.3849



27.1310, 24.7282, 57.3150



19.8649, 17.3818, 32.4453



5.9050, 6.0673, 7.7888



4.8183, 2.0332, 25.0462



0.0771, 0.0405, 0.3761

Inverse Universe

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



21.1553, 18.3923, 16.9037



35.2112, 29.0065, 25.0067



23.6082, 28.7741, 18.2201



6.2191, 6.2268, 6.5341



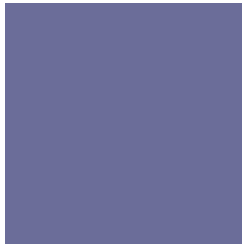
10.8908, 5.6106, 0.6841



0.1654, 0.0849, 0.0236

Previews

White Background



This preview shows how the XYZ color 17.2818, 16.3630, 32.3845 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 17.2818, 16.3630, 32.3845 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 17.2818, 16.3630, 32.3845

Background



This preview shows how black text looks on a background with the XYZ color 17.2818, 16.3630, 32.3845.



This preview shows how white text looks on a background with the XYZ color 17.2818, 16.3630,

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

17.2818, 16.3630, 32.3845

Protanopia

16.7727, 16.4113, 32.8555

Deuteranopia

16.8010, 16.4355, 32.4238



Tritanopia

15.1357, 16.4834, 21.4527

Trichromacy



Original Color

17.2818, 16.3630, 32.3845

Protanomaly

17.0022, 16.3685, 32.8352

Deuteranomaly

16.9192, 16.3353, 32.3983

Tritanomaly

15.8718, 16.4431, 25.2590

Monochromacy



Original Color

17.2818, 16.3630, 32.3845

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.2460, 16.5264, 22.7557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2818, 16.3630, 32.3845 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, 109, 153)` looks like.

```
.text, #text, p{  
    color:rgb(107, 109, 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, 109, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 109, 153) }
```

Border

The CSS property to change the border of an element to XYZ 17.2818, 16.3630, 32.3845 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, 109, 153) }
```


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

```
.border{ border-color:rgb(107, 109, 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, 109, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 109, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 109, 153);  
box-shadow:4px 4px 4px 4px rgb(107, 109,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2818, 16.3630, 32.3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 109, 153) }
```

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

```
.background{ background-color: rgb(107,  
109, 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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