

Converting Colors

XYZ(18.3073, 17.8079, 36.6553)

Have a look what the booklet for
XYZ(18.3073, 17.8079, 36.6553)
contains.

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Color

**XYZ(18.2458, 17.7537,
36.6476)**

Conversions

Conversions Part 1

Format	Color
Hex	6773A2
RGB	103, 115, 162
RGB Percent	40%, 45%, 64%
CMY	0.5961, 0.5490, 0.3647
CMYK	0.36, 0.29, 0.00, 0.36
HSL	228°, 24%, 52%
HSV	228°, 36%, 64%
XYZ	18.2458, 17.7537, 36.6476
YIQ	116.7700, -22.2390, 12.0730

Conversions

Conversions Part 2

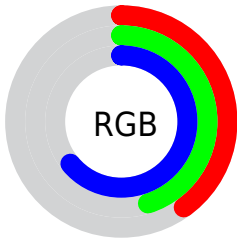
Format	Color
R _Y B	103, 113, 162
Decimal	6779810
CIE Lab	49.20, 7.42, -26.71
CIE LCh	49, 27.724, 285.515
Yxy	17.7537, 0.2512, 0.2444
Android (android.graphics.Color)	4284969890 (0xFF6773A2)
YUV	116.7700, 22.2984, -12.0763
Hunter-Lab	42.1351, 3.5594, -22.0737

Details

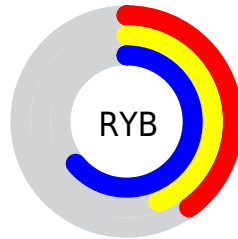
The XYZ color **18.2458, 17.7537, 36.6476** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **28.2551, 30.4735, 17.2252**, and the grayscale version is **16.7761, 17.6497, 19.2206**.

A 20% lighter version of the original color is **40.0534, 39.7151, 71.2004**, and **6.2898, 5.8970, 15.5586** is the 20% darker color. If you saturate the color by 10%, you get **15.1946, 14.1473, 36.1126**, and if you desaturate by 10%, it is **21.8643, 21.9591, 37.2689**.

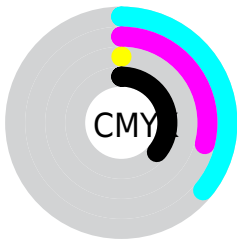
Distribution



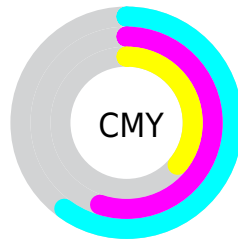
- Red (40%)
- Green (45%)
- Blue (64%)



- Red (40%)
- Yellow (44%)
- Blue (64%)



- Cyan (36%)
- Magenta (29%)
- Yellow (0%)
- Black (36%)



- Cyan (60%)
- Magenta (55%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2458, 17.7537, 36.6476 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 18.2458, 17.7537, 36.6476 by changing the saturation by 10% instead.

■ 18.2458, 17.7537,
36.6476

■ 18.2458, 17.7537,
36.6476

235.2717,
239.4791, 346.9049

■ 11.2274, 10.7733,
24.6411

■ 39.9825, 39.6172,
71.2107

■ 6.2884, 5.9146,
15.5933

■ 55.4315, 55.2691,
94.6044

■ 3.0635, 2.7932,
9.0856

■ 74.4214, 74.5802,
122.6310

■ 1.1875, 1.0248,
4.6995

■ 97.3176, 97.9351,
155.7089

■ 0.0964, 0.0000,
2.0164

124.4853,
125.7180, 194.2567

■ 0.0000, 0.0000,
0.5653

156.2900,

■ 0.0000, 0.0000,

158.3134, 238.6929

0.0000

193.0970,
196.1056, 289.4362

■ 18.2458, 17.7537,
36.6476

■ 18.2458, 17.7537,
36.6476

■ 15.1946, 14.1473,
36.1126

■ 21.8643, 21.9591,
37.2689

■ 12.6795, 11.1101,
35.6590

■ 26.0754, 26.7874,
37.9789

■ 10.6689, 8.6127,
35.2829

■ 30.9052, 32.2637,
38.7814

■ 9.1272, 6.6221,
34.9799

■ 36.3776, 38.4110,
39.6795

■ 8.0137, 5.1015,
34.7451

■ 42.5153, 45.2512,
40.6763

■ 7.2738, 4.0052,
34.5725

■ 49.3398, 52.8052,
41.7747

■ 7.0642, 3.6937,
34.5234

■ 56.8716, 61.0930,
42.9774

■ 65.1304, 70.1338,
44.2872

■ 74.1352, 79.9461,
45.7066

Harmonies

Analogous

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



15.6557, 17.7537, 36.7495



18.2458, 17.7537, 36.6476



20.6941, 17.7537, 31.1854

Triad

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



18.2458, 17.7537, 36.6476



20.6215, 17.7537, 10.8167



12.4860, 17.7537, 15.9692

Complementary

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



18.2458, 17.7537, 36.6476



28.2551, 30.4735, 17.2252

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.



13.5562, 17.7537, 10.9405



18.2458, 17.7537, 36.6476



18.1547, 17.7537, 8.5260

Square

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



18.2458, 17.7537, 36.6476



22.1586, 17.7537, 15.7518



15.5734, 17.7537, 8.5646



12.5050, 17.7537, 23.4146

Rectangle

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



18.2458, 17.7537, 36.6476



21.8398, 17.7537, 25.8855



15.5734, 17.7537, 8.5646



12.7251, 17.7537, 13.9880

Sweetspot

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



18.2464, 17.7544, 36.6480



51.7625, 53.6600, 69.6854



23.9564, 30.9015, 33.2269



11.3749, 11.7674, 15.6093



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



18.2464, 17.7544, 36.6480



28.3942, 26.6483, 65.7032



19.0788, 16.2825, 36.3200



6.8118, 7.0825, 8.9111



5.5912, 2.9618, 27.2068



0.1474, 0.1220, 0.5816

Inverse Universe

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



22.8455, 18.6202, 18.6104



38.1398, 28.8453, 27.4001



27.0960, 32.8659, 17.7481



7.1300, 7.1084, 7.6708



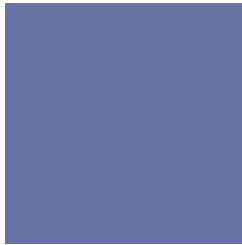
11.9677, 6.1431, 1.7543



0.2666, 0.1351, 0.1163

Previews

White Background



This preview shows how the XYZ color 18.2458, 17.7537, 36.6476 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 18.2458, 17.7537, 36.6476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

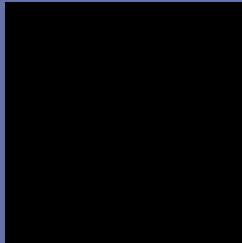
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

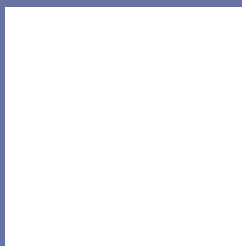
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.2458, 17.7537, 36.6476

Background



This preview shows how black text looks on a background with the XYZ color 18.2458, 17.7537, 36.6476.



This preview shows how white text looks on a background with the XYZ color 18.2458, 17.7537,

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

18.2458, 17.7537, 36.6476

Protanopia

18.2458, 17.7537, 36.6476

Deuteranopia

18.1318, 17.6949, 36.6422



Tritanopia

15.7580, 17.8002, 24.0780

Trichromacy



Original Color

18.2458, 17.7537, 36.6476

Protanomaly

18.2458, 17.7537, 36.6476

Deuteranomaly

18.1318, 17.6949, 36.6422

Tritanomaly

16.6249, 17.7993, 28.1506

Monochromacy



Original Color

18.2458, 17.7537, 36.6476

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.1611, 17.6290, 24.6885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2458, 17.7537, 36.6476 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(103, 115, 162)` looks like.

```
.text, #text, p{  
    color:rgb(103, 115, 162)  
}
```

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(103, 115, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 115, 162) }
```

Border

The CSS property to change the border of an element to XYZ 18.2458, 17.7537, 36.6476 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(103, 115, 162) }
```


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

```
.border{ border-color:rgb(103, 115, 162) }
```

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

Here you see how a box with a 4 pixel rgb(103, 115, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 115, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 115, 162);  
box-shadow:4px 4px 4px 4px rgb(103, 115,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2458, 17.7537, 36.6476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 115, 162) }
```

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

```
.background{ background-color: rgb(103,  
115, 162) }
```

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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