

Converting Colors

XYZ(15.5458, 16.6220, 26.0001)

Have a look what the booklet for
XYZ(15.5458, 16.6220, 26.0001)
contains.

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Color

**XYZ(15.5759, 16.6090,
26.0518)**

Conversions

Conversions Part 1

Format	Color
Hex	617389
RGB	97, 115, 137
RGB Percent	38%, 45%, 54%
CMY	0.6196, 0.5490, 0.4627
CMYK	0.29, 0.16, 0.00, 0.46
HSL	213°, 17%, 46%
HSV	213°, 29%, 54%
XYZ	15.5759, 16.6090, 26.0518
YIQ	112.1260, -17.7900, 3.0260

Conversions

Conversions Part 2

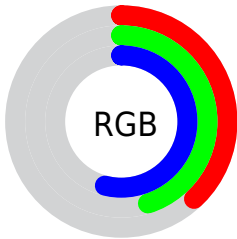
Format	Color
R_{YB}	97, 109, 137
Decimal	6386569
CIE Lab	47.76, -1.23, -14.22
CIE LCh	48, 14.278, 265.071
Yxy	16.6090, 0.2675, 0.2852
Android (android.graphics.Color)	4284576649 (0xFF617389)
YUV	112.1260, 12.2629, -13.2655
Hunter-Lab	40.7541, -3.0985, -9.3728

Details

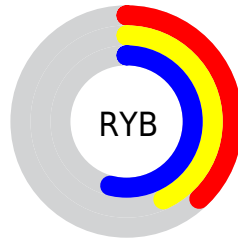
The XYZ color **15.5759, 16.6090, 26.0518** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.0714, 19.3754, 14.0445**, and the grayscale version is **15.4074, 16.2098, 17.6524**.

A 20% lighter version of the original color is **35.3257, 37.6510, 54.1207**, and **4.9941, 5.3554, 9.7873** is the 20% darker color. If you saturate the color by 10%, you get **13.4160, 14.2721, 25.7148**, and if you desaturate by 10%, it is **18.0592, 19.2177, 26.4247**.

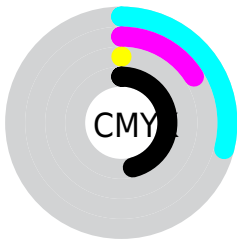
Distribution



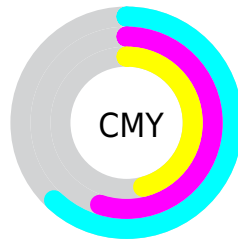
- Red (38%)
- Green (45%)
- Blue (54%)



- Red (38%)
- Yellow (43%)
- Blue (54%)



- Cyan (29%)
- Magenta (16%)
- Yellow (0%)
- Black (46%)



- Cyan (62%)
- Magenta (55%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5759, 16.6090, 26.0518 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 15.5759, 16.6090, 26.0518 by changing the saturation by 10% instead.

■ 15.5759, 16.6090,
26.0518

■ 15.5759, 16.6090,
26.0518

220.1459,
232.9090, 296.6498

■ 9.3135, 9.9561,
16.6363

■ 35.4238, 37.6523,
54.3436

■ 5.0050, 5.3699,
9.8163

■ 49.7400, 52.8115,
74.0570

■ 2.2850, 2.4659,
5.1733

■ 67.4715, 71.5749,
98.0401

■ 0.7870, 0.8595,
2.2888

■ 88.9836, 94.3269,
126.7114

■ 0.0000, 0.0000,
0.7249

114.6418,
121.4519, 160.4895

■ 0.0000, 0.0000,
0.0000

144.8113,

153.3343, 199.7929

179.8576,
190.3586, 245.0402

■ 15.5759, 16.6090,
26.0518

■ 15.5759, 16.6090,
26.0518

■ 13.4160, 14.2721,
25.7148

■ 18.0592, 19.2177,
26.4247

■ 11.5633, 12.1949,
25.4116

■ 20.8781, 22.1057,
26.8336

■ 10.0025, 10.3675,
25.1411

■ 24.0458, 25.2825,
27.2798

■ 8.7163, 8.7781,
24.9021

■ 27.5745, 28.7566,
27.7644

■ 7.6850, 7.4140,
24.6932

■ 31.4756, 32.5362,
28.2883

■ 6.8864, 6.2606,
24.5126

■ 35.7602, 36.6290,
28.8525

■ 6.2659, 5.2867,
24.3573

■ 40.4388, 41.0425,
29.4578

■ 6.2192, 5.2137,
24.3457

■ 45.5215, 45.7839,
30.1051

■ 51.0179, 50.8602,
30.7952

Harmonies

Analogous

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



14.4192, 16.6090, 24.4980



15.5759, 16.6090, 26.0518



16.8520, 16.6090, 25.2467

Triad

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



15.5759, 16.6090, 26.0518



18.1213, 16.6090, 15.2600



13.8540, 16.6090, 14.3427

Complementary

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



15.5759, 16.6090, 26.0518



19.0714, 19.3754, 14.0445

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.



14.7666, 16.6090, 12.4236



15.5759, 16.6090, 26.0518



17.2373, 16.6090, 12.9009

Square

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



15.5759, 16.6090, 26.0518



18.3666, 16.6090, 18.6966



15.9987, 16.6090, 11.9336



13.4599, 16.6090, 17.4857

Rectangle

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



15.5759, 16.6090, 26.0518



17.5930, 16.6090, 23.5308



15.9987, 16.6090, 11.9336



14.1078, 16.6090, 13.5507

Sweetspot

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



15.5764, 16.6097, 26.0522



37.3869, 39.5853, 48.0534



17.1657, 21.7490, 20.5373



8.2330, 8.7238, 10.7563



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.5764, 16.6097, 26.0522



25.2864, 26.9380, 46.2500



13.8636, 12.9714, 25.4402



4.9479, 5.2387, 6.3562



5.8048, 4.8799, 22.6816



0.0529, 0.0610, 0.1554

Inverse Universe

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



17.6862, 15.1061, 18.2039



29.7680, 24.0387, 29.5125



21.2029, 23.9611, 14.8173



5.1203, 5.0836, 5.7220



10.4168, 5.2768, 4.6991



0.0764, 0.0379, 0.0692

Previews

White Background



This preview shows how the XYZ color 15.5759, 16.6090, 26.0518 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 15.5759, 16.6090, 26.0518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

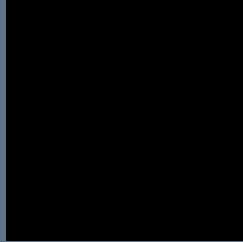
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

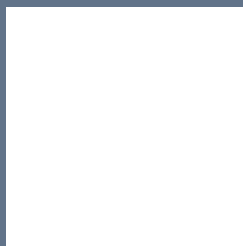
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5759, 16.6090, 26.0518

Background



This preview shows how black text looks on a background with the XYZ color 15.5759, 16.6090, 26.0518.



This preview shows how white text looks on a background with the XYZ color 15.5759, 16.6090,

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

15.5759, 16.6090, 26.0518

Protanopia

16.3517, 16.5258, 25.2496

Deuteranopia

16.9540, 16.6486, 26.3647



Tritanopia

14.8465, 16.6618, 22.1722

Trichromacy



Original Color

15.5759, 16.6090, 26.0518

Protanomaly

16.0580, 16.5309, 25.6370

Deuteranomaly

16.4450, 16.5491, 26.3723

Tritanomaly

15.0985, 16.5893, 23.5254

Monochromacy



Original Color

15.5759, 16.6090, 26.0518

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.4197, 16.3165, 20.4259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5759, 16.6090, 26.0518 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(97, 115, 137) looks like.

```
.text, #text, p{  
    color:rgb(97, 115, 137)  
}
```

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(97, 115, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 115, 137) }
```

Border

The CSS property to change the border of an element to XYZ 15.5759, 16.6090, 26.0518 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(97, 115, 137) }
```


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

```
.border{ border-color:rgb(97, 115, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 115, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 115, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 115, 137);  
box-shadow:4px 4px 4px 4px rgb(97, 115,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5759, 16.6090, 26.0518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 115, 137) }
```

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

```
.background{ background-color: rgb(97, 115,  
137) }
```

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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