

Converting Colors

XYZ(15.7389, 17.5331, 25.2924)

Have a look what the booklet for
XYZ(15.7389, 17.5331, 25.2924)
contains.

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Color

**XYZ(15.8090, 17.6151,
25.4885)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7887
RGB	95, 120, 135
RGB Percent	37%, 47%, 53%
CMY	0.6274, 0.5294, 0.4706
CMYK	0.30, 0.11, 0.00, 0.47
HSL	202°, 17%, 45%
HSV	202°, 30%, 53%
XYZ	15.8090, 17.6151, 25.4885
YIQ	114.2350, -19.7150, -0.6350

Conversions

Conversions Part 2

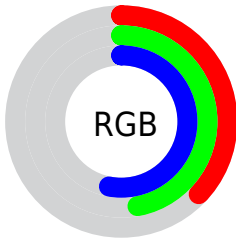
Format	Color
R _Y B	95, 110, 135
Decimal	6256775
CIE Lab	49.03, -5.31, -11.15
CIE LCh	49, 12.347, 244.530
Yxy	17.6151, 0.2683, 0.2990
Android (android.graphics.Color)	4284446855 (0xFF5F7887)
YUV	114.2350, 10.2371, -16.8691
Hunter-Lab	41.9703, -6.2124, -6.6274

Details

The XYZ color **15.8090, 17.6151, 25.4885** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.6335, 17.1293, 13.2039**, and the grayscale version is **16.0397, 16.8750, 18.3768**.

A 20% lighter version of the original color is **35.6837, 39.2469, 53.2716**, and **5.1293, 5.8949, 9.4618** is the 20% darker color. If you saturate the color by 10%, you get **13.9337, 15.7687, 25.2312**, and if you desaturate by 10%, it is **17.9607, 19.6526, 25.7687**.

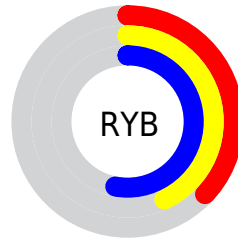
Distribution



Red (37%)

Green (47%)

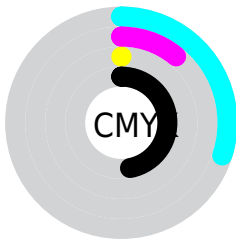
Blue (53%)



Red (37%)

Yellow (43%)

Blue (53%)

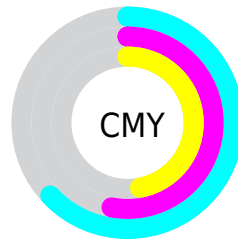


Cyan (30%)

Magenta (11%)

Yellow (0%)

Black (47%)



Cyan (63%)

Magenta (53%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8090, 17.6151, 25.4885 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 15.8090, 17.6151, 25.4885 by changing the saturation by 10% instead.

■ 15.8090, 17.6151,
25.4885

■ 15.8090, 17.6151,
25.4885

221.5046,
238.6925, 293.7872

■ 9.4791, 10.6740,
16.2191

■ 35.8264, 39.3804,
53.4225

■ 5.1146, 5.8481,
9.5233

■ 50.2447, 54.9733,
72.9242

■ 2.3501, 2.7529,
4.9826

■ 68.0897, 74.2190,
96.6737

■ 0.8201, 1.0041,
2.1785

■ 89.7269, 97.5019,
125.0895

■ 0.0000, 0.0000,
0.6619

115.5217,
125.2062, 158.5902

■ 0.0000, 0.0000,
0.0000

145.8393,

157.7165, 197.5944

181.0452,
195.4172, 242.5205

■ 15.8090, 17.6151,
25.4885

■ 15.8090, 17.6151,
25.4885

■ 13.9337, 15.7687,
25.2312

■ 17.9607, 19.6526,
25.7687

■ 12.3200, 14.1038,
24.9949

■ 20.3991, 21.8861,
26.0712

■ 10.9545, 12.6131,
24.7792

■ 23.1363, 24.3227,
26.3973

■ 9.8213, 11.2878,
24.5831

■ 26.1830, 26.9688,
26.7475

■ 8.9030, 10.1181,
24.4057

■ 29.5492, 29.8302,
27.1224

■ 8.1793, 9.0925,
24.2459

■ 33.2448, 32.9125,
27.5225

■ 7.5940, 8.1815,
24.1009

■ 37.2789, 36.2213,
27.9486

■ 7.5730, 8.1488,
24.0957

■ 41.6604, 39.7616,
28.4010

■ 46.3978, 43.5386,
28.8803

Harmonies

Analogous

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



14.9851, 17.6151, 23.0007



15.8090, 17.6151, 25.4885



16.9180, 17.6151, 26.2158

Triad

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



15.8090, 17.6151, 25.4885



19.0466, 17.6151, 18.6837



15.5195, 17.6151, 14.4187

Complementary

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



15.8090, 17.6151, 25.4885



17.6335, 17.1293, 13.2039

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.



16.5685, 17.6151, 13.5309



15.8090, 17.6151, 25.4885



18.6324, 17.6151, 15.8075

Square

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



15.8090, 17.6151, 25.4885



18.8207, 17.6151, 22.0361



17.7123, 17.6151, 14.0088



14.8234, 17.6151, 16.5817

Rectangle

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



15.8090, 17.6151, 25.4885



17.6781, 17.6151, 25.5417



17.7123, 17.6151, 14.0088



15.8407, 17.6151, 13.9732

Sweetspot

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



15.8095, 17.6158, 25.4889



36.7286, 39.3720, 46.7121



16.1801, 20.8798, 17.8348



8.3677, 8.9932, 10.8012



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.



15.8095, 17.6158, 25.4889



25.8517, 29.1382, 45.3101



13.6822, 13.3612, 24.7798



4.6588, 4.9931, 5.9190



6.9962, 7.5402, 22.2234



0.0313, 0.0402, 0.0793

Inverse Universe

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



17.4745, 14.6919, 19.6848



29.4384, 23.2207, 32.7214



19.9960, 21.8542, 13.9914



4.7858, 4.7340, 5.4843



10.7095, 5.3481, 8.3084



0.0407, 0.0199, 0.0475

Previews

White Background



This preview shows how the XYZ color 15.8090, 17.6151, 25.4885 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 15.8090, 17.6151, 25.4885 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

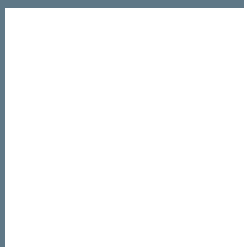
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.8090, 17.6151, 25.4885

Background



This preview shows how black text looks on a background with the XYZ color 15.8090, 17.6151, 25.4885.



This preview shows how white text looks on a background with the XYZ color 15.8090, 17.6151,

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

15.8090, 17.6151, 25.4885

Protanopia

17.2350, 17.5048, 24.3002

Deuteranopia

17.8203, 17.4394, 25.7195



Tritanopia

15.4827, 17.6661, 23.7130

Trichromacy



Original Color

15.8090, 17.6151, 25.4885

Protanomaly

16.6583, 17.5418, 24.6982

Deuteranomaly

17.1197, 17.5834, 25.7842

Tritanomaly

15.6183, 17.7204, 24.4270

Monochromacy



Original Color

15.8090, 17.6151, 25.4885

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.8216, 17.0217, 20.8640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8090, 17.6151, 25.4885 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, 135) looks like.

```
.text, #text, p{  
    color:rgb(95, 120, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 120, 135) }
```

Border

The CSS property to change the border of an element to XYZ 15.8090, 17.6151, 25.4885 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, 135) }
```


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

```
.border{ border-color:rgb(95, 120, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 120, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 120, 135);  
box-shadow:4px 4px 4px 4px rgb(95, 120,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8090, 17.6151, 25.4885 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, 135) }
```

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

```
.background{ background-color: rgb(95, 120,  
135) }
```

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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