

Converting Colors

XYZ(17.4942, 15.2292, 31.2779)

Have a look what the booklet for
XYZ(17.4942, 15.2292, 31.2779)
contains.

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Color

**XYZ(17.5757, 15.3236,
31.3096)**

Conversions

Conversions Part 1

Format	Color
Hex	756597
RGB	117, 101, 151
RGB Percent	46%, 40%, 59%
CMY	0.5412, 0.6039, 0.4078
CMYK	0.23, 0.33, 0.00, 0.41
HSL	259°, 20%, 49%
HSV	259°, 33%, 59%
XYZ	17.5757, 15.3236, 31.3096
YIQ	111.4840, -6.5140, 18.9420

Conversions

Conversions Part 2

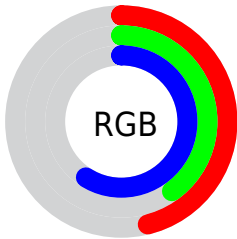
Format	Color
R_{YB}	117, 101, 151
Decimal	7693719
CIE _{Lab}	46.07, 17.30, -24.98
CIE _{LCh}	46, 30.387, 304.695
Yxy	15.3236, 0.2737, 0.2387
Android (android.graphics.Color)	4285883799 (0xFF756597)
YUV	111.4840, 19.4814, 4.8375
Hunter-Lab	39.1454, 11.6395, -20.0201

Details

The XYZ color **17.5757, 15.3236, 31.3096** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.4077, 28.2241, 16.5266**, and the grayscale version is **15.1969, 15.9884, 17.4113**.

A 20% lighter version of the original color is **38.8252, 35.4103, 62.5462**, and **5.9342, 4.7517, 12.6610** is the 20% darker color. If you saturate the color by 10%, you get **14.9374, 11.9837, 30.8042**, and if you desaturate by 10%, it is **20.6358, 19.2815, 31.9125**.

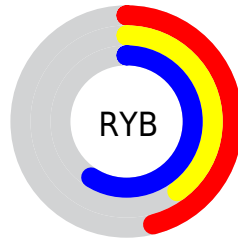
Distribution



Red (46%)

Green (40%)

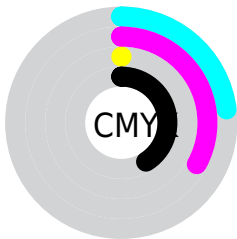
Blue (59%)



Red (46%)

Yellow (40%)

Blue (59%)

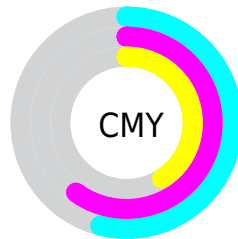


Cyan (23%)

Magenta (33%)

Yellow (0%)

Black (41%)



Cyan (54%)

Magenta (60%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5757, 15.3236, 31.3096 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 17.5757, 15.3236, 31.3096 by changing the saturation by 10% instead.

■ 17.5757, 15.3236,
31.3096

■ 17.5757, 15.3236,
31.3096

231.5606,
225.3166, 322.3574

■ 10.7436, 9.0468,
20.5743

■ 38.8488, 35.4199,
62.8125

■ 5.9607, 4.7717,
12.6250

■ 54.0205, 50.0082,
84.4171

■ 2.8617, 2.1140,
7.0431

■ 72.7028, 68.1357,
110.4819

■ 1.0810, 0.6725,
3.4102

■ 95.2610, 90.1870,
141.4254

■ 0.0092, 0.0000,
1.3077

122.0606,
116.5463, 177.6661

■ 0.0000, 0.0000,
0.0681

153.4668,

■ 0.0000, 0.0000,

147.5981, 219.6227

0.0000

189.8450,
183.7267, 267.7136

■ 17.5757, 15.3236,
31.3096

■ 17.5757, 15.3236,
31.3096

■ 14.9374, 11.9837,
30.8042

■ 20.6358, 19.2815,
31.9125

■ 12.6997, 9.2279,
30.3903

■ 24.1344, 23.8853,
32.6168

■ 10.8417, 7.0218,
30.0624

■ 28.0892, 29.1633,
33.4271

■ 9.3401, 5.3265,
29.8143

■ 32.5164, 35.1416,
34.3477

■ 8.1685, 4.0978,
29.6389

■ 37.4314, 41.8449,
35.3825

7.2961, 3.2836,
29.5277

42.8489, 49.2967,
36.5353

6.8200, 2.8706,
29.4731

48.7829, 57.5194,
37.8097

55.2469, 66.5344,
39.2090

62.2539, 76.3623,
40.7367

Harmonies

Analogous

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



14.9745, 15.3236, 35.2349



17.5757, 15.3236, 31.3096



19.5271, 15.3236, 23.5266

Triad

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



17.5757, 15.3236, 31.3096



16.7904, 15.3236, 6.8525



10.1576, 15.3236, 17.8752

Complementary

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



17.5757, 15.3236, 31.3096



23.4077, 28.2241, 16.5266

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.



10.5233, 15.3236, 11.3175



17.5757, 15.3236, 31.3096



14.1623, 15.3236, 6.1508

Square

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



17.5757, 15.3236, 31.3096



19.0375, 15.3236, 9.8324



11.9187, 15.3236, 7.5155



10.8537, 15.3236, 26.1518

Rectangle

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



17.5757, 15.3236, 31.3096



20.0855, 15.3236, 18.0337



11.9187, 15.3236, 7.5155



10.1613, 15.3236, 15.4049

Sweetspot

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



17.5762, 15.3242, 31.3099



45.1976, 45.4003, 58.8146



19.6405, 22.3760, 32.5623



10.0713, 10.0509, 13.3267



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.



17.5762, 15.3242, 31.3099



27.7776, 22.7482, 55.3605



21.3668, 17.2783, 31.4873



6.0613, 6.1175, 7.7903



5.8290, 2.4560, 25.0745



0.1221, 0.0547, 0.3765

Inverse Universe

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



21.7898, 17.6365, 25.1778



36.6836, 27.6435, 42.0390



19.8672, 26.3989, 16.3609



6.3771, 6.2900, 7.3657



12.9398, 6.4302, 11.4740



0.2098, 0.1027, 0.2577

Previews

White Background



This preview shows how the XYZ color 17.5757, 15.3236, 31.3096 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 17.5757, 15.3236, 31.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

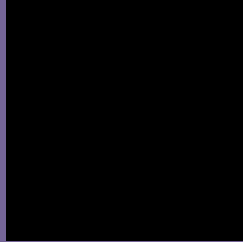
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.5757, 15.3236, 31.3096

Background



This preview shows how black text looks on a background with the XYZ color 17.5757, 15.3236, 31.3096.



This preview shows how white text looks on a background with the XYZ color 17.5757, 15.3236,

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

17.5757, 15.3236, 31.3096

Protanopia

15.9794, 15.5051, 33.6031

Deuteranopia

15.7973, 15.4685, 31.0073



Tritanopia

15.0705, 15.3656, 18.6946

Trichromacy



Original Color

17.5757, 15.3236, 31.3096

Protanomaly

16.3638, 15.2610, 32.6551

Deuteranomaly

16.2655, 15.2482, 30.9401

Tritanomaly

15.8241, 15.1988, 22.8685

Monochromacy



Original Color

17.5757, 15.3236, 31.3096

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.8336, 15.5325, 21.9022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5757, 15.3236, 31.3096 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(117, 101, 151)` looks like.

```
.text, #text, p{  
    color:rgb(117, 101, 151)  
}
```

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(117, 101, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 101, 151) }
```

Border

The CSS property to change the border of an element to XYZ 17.5757, 15.3236, 31.3096 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(117, 101, 151) }
```


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

```
.border{ border-color:rgb(117, 101, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 101, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 101, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 101, 151);  
box-shadow:4px 4px 4px 4px rgb(117, 101,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5757, 15.3236, 31.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 101, 151) }
```

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

```
.background{ background-color: rgb(117,  
101, 151) }
```

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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