

Converting Colors

XYZ(11.6014, 10.6434, 18.3652)

Have a look what the booklet for
XYZ(11.6014, 10.6434, 18.3652)
contains.

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Color

**XYZ(11.5488, 10.6421,
18.2751)**

Conversions

Conversions Part 1

Format	Color
Hex	615775
RGB	97, 87, 117
RGB Percent	38%, 34%, 46%
CMY	0.6196, 0.6588, 0.5412
CMYK	0.17, 0.26, 0.00, 0.54
HSL	260°, 15%, 40%
HSV	260°, 26%, 46%
XYZ	11.5488, 10.6421, 18.2751
YIQ	93.4100, -3.6700, 11.4500

Conversions

Conversions Part 2

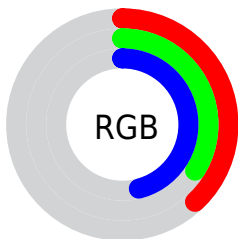
Format	Color
R_{YB}	97, 87, 117
Decimal	6379381
CIE _{Lab}	38.97, 10.70, -15.54
CIE _{LCh}	39, 18.874, 304.553
Yxy	10.6421, 0.2854, 0.2630
Android (android.graphics.Color)	4284569461 (0xFF615775)
YUV	93.4100, 11.6299, 3.1484
Hunter-Lab	32.6222, 6.1030, -10.3789

Details

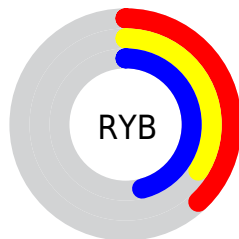
The XYZ color **11.5488, 10.6421, 18.2751** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **14.1454, 16.5368, 11.4637**, and the grayscale version is **10.4748, 11.0203, 12.0012**.

A 20% lighter version of the original color is **28.3198, 27.0518, 41.2650**, and **3.2175, 2.7637, 5.9941** is the 20% darker color. If you saturate the color by 10%, you get **9.8866, 8.4914, 17.9477**, and if you desaturate by 10%, it is **13.4470, 13.1430, 18.6579**.

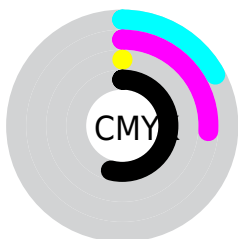
Distribution



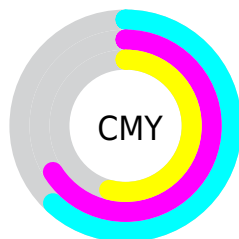
- Red (38%)
- Green (34%)
- Blue (46%)



- Red (38%)
- Yellow (34%)
- Blue (46%)



- Cyan (17%)
- Magenta (26%)
- Yellow (0%)
- Black (54%)



- Cyan (62%)
- Magenta (66%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5488, 10.6421, 18.2751 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 11.5488, 10.6421, 18.2751 by changing the saturation by 10% instead.

■ 11.5488, 10.6421,
18.2751

■ 11.5488, 10.6421,
18.2751

195.2264,
195.1954, 254.7051

■ 6.5072, 5.8267,
10.9762

■ 28.2947, 26.9964,
41.3258

■ 3.1995, 2.7400,
5.9369

■ 40.7297, 39.3042,
57.9146

■ 1.2601, 0.9976,
2.7386

■ 56.3599, 54.8781,
78.4372

■ 0.1530, 0.0000,
0.9627

■ 75.5507, 74.1027,
103.3121

■ 0.0000, 0.0000,
0.0000

■ 98.6674, 97.3624,
132.9578

126.0753,

125.0414, 167.7928

158.1399,
157.5243, 208.2357

■ 11.5488, 10.6421,
18.2751

■ 11.5488, 10.6421,
18.2751

■ 9.8866, 8.4914,
17.9477

■ 13.4470, 13.1430,
18.6579

■ 8.4497, 6.6735,
17.6726

■ 15.5893, 16.0076,
19.0980

■ 7.2279, 5.1716,
17.4471

■ 17.9846, 19.2505,
19.5976

■ 6.2098, 3.9669,
17.2682

■ 20.6413, 22.8849,
20.1591

■ 5.3830, 3.0384,
17.1326

■ 23.5671, 26.9236,
20.7845

■ 4.7335, 2.3623,
17.0363

■ 26.7694, 31.3785,
21.4756

■ 4.2375, 1.8958,
16.9724

■ 30.2556, 36.2613,
22.2343

■ 4.0475, 1.7156,
16.9477

■ 34.0324, 41.5831,
23.0625

■ 38.1067, 47.3545,
23.9617

Harmonies

Analogous

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



10.3081, 10.6421, 19.9487



11.5488, 10.6421, 18.2751



12.4584, 10.6421, 14.8237

Triad

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



11.5488, 10.6421, 18.2751



11.1895, 10.6421, 6.3932



7.8917, 10.6421, 12.1457

Complementary

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



11.5488, 10.6421, 18.2751



14.1454, 16.5368, 11.4637

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.



8.0856, 10.6421, 8.8602



11.5488, 10.6421, 18.2751



9.9243, 10.6421, 5.9659

Square

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



11.5488, 10.6421, 18.2751



12.2392, 10.6421, 8.0879



8.8051, 10.6421, 6.7700



8.2520, 10.6421, 15.9738

Rectangle

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



11.5488, 10.6421, 18.2751



12.7171, 10.6421, 12.2571



8.8051, 10.6421, 6.7700



7.8945, 10.6421, 10.9427

Sweetspot

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



11.5491, 10.6425, 18.2753



26.8881, 27.2841, 33.9862



12.4517, 13.9309, 18.8625



6.0688, 6.1214, 7.7907



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.5491, 10.6425, 18.2753



18.7979, 16.6119, 32.3527



13.2381, 11.5132, 18.3544



3.6050, 3.6437, 4.6035



4.4440, 1.8823, 18.6717



20.8328, 8.7482, 90.9508

Inverse Universe

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



13.3985, 11.6603, 15.4550



22.7758, 18.8036, 26.1680



12.5457, 15.7121, 11.3888



3.7772, 3.7382, 4.3536



9.5907, 4.7700, 8.3190



46.3273, 23.0810, 38.3826

Previews

White Background



This preview shows how the XYZ color 11.5488, 10.6421, 18.2751 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 11.5488, 10.6421, 18.2751 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 11.5488, 10.6421, 18.2751

Background



This preview shows how black text looks on a background with the XYZ color 11.5488, 10.6421, 18.2751.

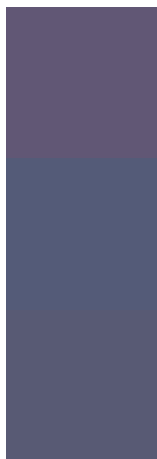


This preview shows how white text looks on a background with the XYZ color 11.5488, 10.6421,

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

11.5488, 10.6421, 18.2751

Protanopia

10.7874, 10.7231, 19.2705

Deuteranopia

10.8331, 10.6480, 18.0073



Tritanopia

10.5618, 10.7437, 13.0723

Trichromacy



Original Color

11.5488, 10.6421, 18.2751

Protanomaly

11.1058, 10.7681, 18.9459

Deuteranomaly

11.0391, 10.6299, 17.9929

Tritanomaly

10.9253, 10.7651, 14.8667

Monochromacy



Original Color

11.5488, 10.6421, 18.2751

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.7555, 10.8212, 14.0922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5488, 10.6421, 18.2751 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, 87, 117)` looks like.

```
.text, #text, p{  
    color:rgb(97, 87, 117)  
}
```

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, 87, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 87, 117) }
```

Border

The CSS property to change the border of an element to XYZ 11.5488, 10.6421, 18.2751 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, 87, 117) }
```


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

```
.border{ border-color:rgb(97, 87, 117) }
```

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

Here you see how a box with a 4 pixel rgb(97, 87, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 87, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 87, 117);  
box-shadow:4px 4px 4px 4px rgb(97, 87,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5488, 10.6421, 18.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 87, 117) }
```

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

```
.background{ background-color: rgb(97, 87,  
117) }
```

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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