

Converting Colors

XYZ(15.5438, 11.7182, 36.5645)

Have a look what the booklet for
XYZ(15.5438, 11.7182, 36.5645)
contains.

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Color

**XYZ(15.5438, 11.7182,
36.5645)**

Conversions

Conversions Part 1

Format	Color
Hex	6952A4
RGB	105, 82, 164
RGB Percent	41%, 32%, 64%
CMY	0.5882, 0.6784, 0.3569
CMYK	0.36, 0.50, 0.00, 0.36
HSL	257°, 33%, 48%
HSV	257°, 50%, 64%
XYZ	15.5438, 11.7182, 36.5645
YIQ	98.2250, -12.6140, 30.3780

Conversions

Conversions Part 2

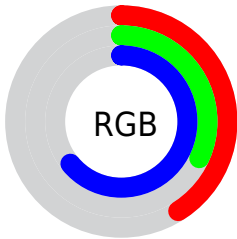
Format	Color
RYB	105, 82, 164
Decimal	6902436
CIELab	40.76, 28.75, -41.15
CIELCh	41, 50.196, 304.946
Yxy	11.7182, 0.2435, 0.1836
Android (android.graphics.Color)	4285092516 (0xFF6952A4)
YUV	98.2250, 32.4271, 5.9417
Hunter-Lab	34.2319, 21.1465, -39.3679

Details

The XYZ color **15.5438, 11.7182, 36.5645** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **25.7831, 32.8230, 12.9596**, and the grayscale version is **11.5899, 12.1934, 13.2787**.

A 20% lighter version of the original color is **35.3355, 28.9879, 70.7507**, and **5.0237, 3.1885, 15.6799** is the 20% darker color. If you saturate the color by 10%, you get **13.1606, 8.8682, 36.1402**, and if you desaturate by 10%, it is **18.4158, 15.2594, 37.0969**.

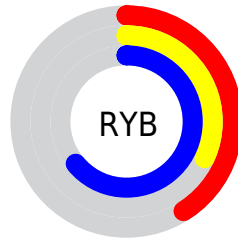
Distribution



Red (41%)

Green (32%)

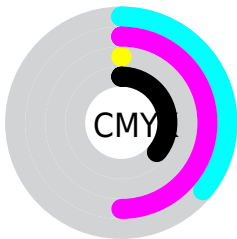
Blue (64%)



Red (41%)

Yellow (32%)

Blue (64%)

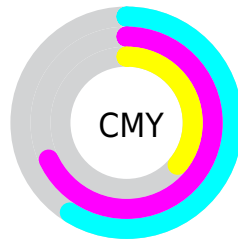


Cyan (36%)

Magenta (50%)

Yellow (0%)

Black (36%)



Cyan (59%)

Magenta (68%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5438, 11.7182, 36.5645 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 15.5438, 11.7182, 36.5645 by changing the saturation by 10% instead.

■ 15.5438, 11.7182,
36.5645

■ 15.5438, 11.7182,
36.5645

219.9582,
202.5307, 346.5329

■ 9.2907, 6.5521,
24.5773

■ 35.3683, 28.9808,
71.0813

■ 4.9899, 3.1836,
15.5463

■ 49.6704, 41.8461,
94.4480

■ 2.2760, 1.2283,
9.0528

■ 67.3861, 58.0466,
122.4450

■ 0.7824, 0.0847,
4.6784

■ 88.8810, 77.9667,
155.4908

■ 0.0000, 0.0000,
2.0044

■ 114.5203,
101.9907, 194.0040

■ 0.0000, 0.0000,
0.5580

144.6694,

■ 0.0000, 0.0000,

130.5031, 238.4030

0.0000

179.6935,
163.8883, 289.1065

■ 15.5438, 11.7182,
36.5645

■ 15.5438, 11.7182,
36.5645

■ 13.1606, 8.8682,
36.1402

■ 18.4158, 15.2594,
37.0969

■ 11.2356, 6.6611,
35.8157

■ 21.8020, 19.5327,
37.7432

■ 9.7365, 5.0445,
35.5826

■ 25.7274, 24.5777,
38.5101

■ 8.6256, 3.9566,
35.4312

■ 30.2152, 30.4304,
39.4033

■ 7.8277, 3.2613,
35.3391

■ 35.2869, 37.1247,
40.4281

■ 7.8277, 3.2612,
35.3391

■ 40.9631, 44.6925,
41.5897

■ 47.2632, 53.1639,
42.8928

■ 54.2059, 62.5678,
44.3420

■ 61.8088, 72.9315,
45.9417

Harmonies

Analogous

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



11.7393, 11.7182, 44.0142



15.5438, 11.7182, 36.5645



18.5733, 11.7182, 23.0090

Triad

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



15.5438, 11.7182, 36.5645



14.3001, 11.7182, 1.9579



5.6092, 11.7182, 14.5277

Complementary

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



15.5438, 11.7182, 36.5645



25.7831, 32.8230, 12.9596

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.



6.0105, 11.7182, 6.1205



15.5438, 11.7182, 36.5645



10.5572, 11.7182, 1.4922

Square

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



15.5438, 11.7182, 36.5645



17.7545, 11.7182, 4.4940



7.6546, 11.7182, 2.4842



6.4108, 11.7182, 27.6315

Rectangle

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



15.5438, 11.7182, 36.5645



19.4565, 11.7182, 14.5679



7.6546, 11.7182, 2.4842



5.6099, 11.7182, 11.1066

Sweetspot

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



15.5443, 11.7186, 36.5648



50.4120, 49.4369, 70.6376



19.8737, 23.8602, 38.6802



10.6717, 10.3530, 15.3734



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.



15.5443, 11.7186, 36.5648



23.4532, 15.5877, 65.5249



21.3720, 14.7229, 36.8375



6.8784, 6.9517, 8.8823



6.0432, 2.5219, 27.0980



0.1706, 0.0755, 0.5714

Inverse Universe

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



23.1351, 15.8505, 27.0395



39.1433, 24.1513, 44.7974



20.1805, 29.9348, 12.6974



7.2792, 7.1681, 8.4566



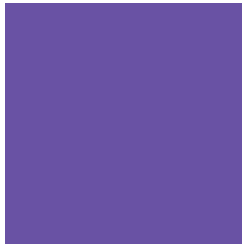
14.2671, 7.0629, 13.8630



0.3183, 0.1558, 0.3888

Previews

White Background



This preview shows how the XYZ color 15.5438, 11.7182, 36.5645 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 15.5438, 11.7182, 36.5645 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 15.5438, 11.7182, 36.5645

Background



This preview shows how black text looks on a background with the XYZ color 15.5438, 11.7182, 36.5645.



This preview shows how white text looks on a background with the XYZ color 15.5438, 11.7182,

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

15.5438, 11.7182, 36.5645

Protanopia

13.2831, 11.7646, 42.1281

Deuteranopia

12.1239, 11.8527, 35.3670



Tritanopia

11.0952, 11.6405, 14.7588

Trichromacy



Original Color

15.5438, 11.7182, 36.5645

Protanomaly

13.7471, 11.5409, 40.0311

Deuteranomaly

12.9473, 11.6025, 35.7395

Tritanomaly

12.4367, 11.5299, 21.3087

Monochromacy



Original Color

15.5438, 11.7182, 36.5645

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.7068, 11.8261, 20.0253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5438, 11.7182, 36.5645 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(105, 82, 164)` looks like.

```
.text, #text, p{  
    color:rgb(105, 82, 164)  
}
```

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(105, 82, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 82, 164) }
```

Border

The CSS property to change the border of an element to XYZ 15.5438, 11.7182, 36.5645 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(105, 82, 164) }
```


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

```
.border{ border-color:rgb(105, 82, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 82, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 82, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 82, 164);  
box-shadow:4px 4px 4px 4px rgb(105, 82,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5438, 11.7182, 36.5645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 82, 164) }
```

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

```
.background{ background-color: rgb(105, 82,  
164) }
```

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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