

Converting Colors

XYZ(15.3021, 11.8283, 41.5210)

Have a look what the booklet for
XYZ(15.3021, 11.8283, 41.5210)
contains.

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Color

**XYZ(15.3021, 11.8283,
41.5210)**

Conversions

Conversions Part 1

Format	Color
Hex	5C55AE
RGB	92, 85, 174
RGB Percent	36%, 33%, 68%
CMY	0.6392, 0.6667, 0.3176
CMYK	0.47, 0.51, 0.00, 0.32
HSL	245°, 35%, 51%
HSV	245°, 51%, 68%
XYZ	15.3021, 11.8283, 41.5210
YIQ	97.2390, -24.3970, 29.1630

Conversions

Conversions Part 2

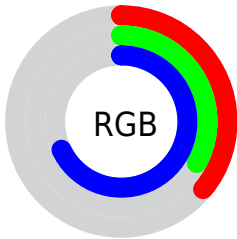
Format	Color
RYB	92, 85, 174
Decimal	6051246
CIELab	40.94, 26.56, -46.86
CIElCh	41, 53.863, 299.550
Yxy	11.8283, 0.2229, 0.1723
Android (android.graphics.Color)	4284241326 (0xFF5C55AE)
YUV	97.2390, 37.8432, -4.5946
Hunter-Lab	34.3923, 19.2332, -47.5048

Details

The XYZ color **15.3021, 11.8283, 41.5210** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **32.7119, 39.1435, 14.4259**, and the grayscale version is **11.3356, 11.9259, 12.9873**.

A 20% lighter version of the original color is **34.9795, 29.2442, 78.6640**, and **4.9031, 3.2554, 18.4591** is the 20% darker color. If you saturate the color by 10%, you get **12.6614, 8.6775, 41.0523**, and if you desaturate by 10%, it is **18.6195, 15.8281, 42.1184**.

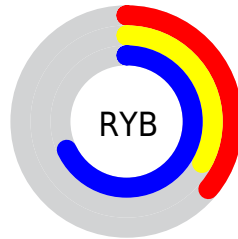
Distribution



Red (36%)

Green (33%)

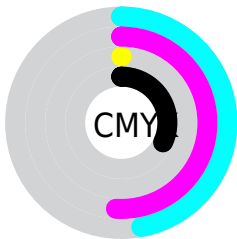
Blue (68%)



Red (36%)

Yellow (33%)

Blue (68%)

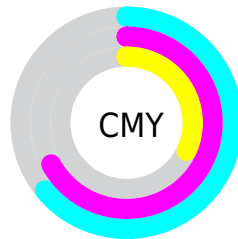


Cyan (47%)

Magenta (51%)

Yellow (0%)

Black (32%)



Cyan (64%)

Magenta (67%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3021, 11.8283, 41.5210 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 15.3021, 11.8283, 41.5210 by changing the saturation by 10% instead.

■ 15.3021, 11.8283,
41.5210

■ 15.3021, 11.8283,
41.5210

218.5398,
203.2653, 368.2344

■ 9.1194, 6.6269,
28.4036

■ 34.9496, 29.1820,
78.7364

■ 4.8769, 3.2299,
18.3885

■ 49.1451, 42.1031,
103.6715

■ 2.2092, 1.2529,
11.0569

■ 66.7422, 58.3661,
133.3830

■ 0.7476, 0.1043,
5.9905

■ 88.1064, 78.3556,
168.2894

■ 0.0000, 0.0000,
2.7706

■ 113.6028,
102.4558, 208.8091

■ 0.0000, 0.0000,
0.9787

143.5970,

■ 0.0000, 0.0000,

131.0513, 255.3609

0.0000

178.4542,
164.5263, 308.3631

■ 15.3021, 11.8283,
41.5210

■ 15.3021, 11.8283,
41.5210

■ 12.6614, 8.6775,
41.0523

■ 18.6195, 15.8281,
42.1184

■ 10.6492, 6.3133,
40.7020

■ 22.6543, 20.7312,
42.8522

■ 9.2132, 4.6662,
40.4597

■ 27.4459, 26.5885,
43.7302

■ 8.2922, 3.6543,
40.3130

■ 33.0302, 33.4469,
44.7597

■ 7.8164, 3.1469,
40.2401

■ 39.4410, 41.3503,
45.9473

■ 46.7100, 50.3397,
47.2993

■ 54.8672, 60.4542,
48.8217

■ 63.9414, 71.7308,
50.5200

■ 73.9599, 84.2048,
52.3997

Harmonies

Analogous

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



11.1844, 11.8283, 47.8320



15.3021, 11.8283, 41.5210



18.9064, 11.8283, 26.8857

Triad

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



15.3021, 11.8283, 41.5210



15.4262, 11.8283, 1.8854



5.3464, 11.8283, 12.7131

Complementary

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



15.3021, 11.8283, 41.5210



32.7119, 39.1435, 14.4259

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.



5.9927, 11.8283, 4.8463



15.3021, 11.8283, 41.5210



11.3007, 11.8283, 1.1844

Square

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



15.3021, 11.8283, 41.5210



18.9888, 11.8283, 4.9983



7.9729, 11.8283, 1.8395



5.9546, 11.8283, 26.4171

Rectangle

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



15.3021, 11.8283, 41.5210



20.2052, 11.8283, 17.1192



7.9729, 11.8283, 1.8395



5.4215, 11.8283, 9.4040

Sweetspot

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



15.3026, 11.8287, 41.5213



55.5651, 55.3226, 80.3866



25.4015, 33.0175, 45.0789



11.8858, 11.7260, 17.7812



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



15.3026, 11.8287, 41.5213



22.5797, 15.2822, 74.3966



20.9503, 14.7402, 41.7856



7.6351, 7.7862, 10.0532



5.6907, 2.2935, 29.1873



0.1768, 0.0733, 0.8128

Inverse Universe

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



27.6792, 18.2859, 38.6291



47.5967, 28.3472, 67.9679



25.0257, 35.1811, 14.0662



8.3095, 8.1370, 9.9405



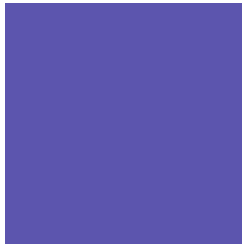
17.2926, 8.3796, 24.9841



0.4889, 0.2362, 0.7363

Previews

White Background



This preview shows how the XYZ color 15.3021, 11.8283, 41.5210 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 15.3021, 11.8283, 41.5210 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 15.3021, 11.8283, 41.5210

Background



This preview shows how black text looks on a background with the XYZ color 15.3021, 11.8283, 41.5210.



This preview shows how white text looks on a background with the XYZ color 15.3021, 11.8283,

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

15.3021, 11.8283, 41.5210

Protanopia

13.6339, 11.8519, 46.3688

Deuteranopia

12.1973, 11.9225, 40.1865



Tritanopia

10.2380, 11.8673, 16.2190

Trichromacy



Original Color

15.3021, 11.8283, 41.5210

Protanomaly

13.9443, 11.6644, 44.6965

Deuteranomaly

12.7260, 11.5111, 40.5809

Tritanomaly

11.7192, 11.6272, 23.8169

Monochromacy



Original Color

15.3021, 11.8283, 41.5210

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

12.3353, 11.7423, 21.0184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3021, 11.8283, 41.5210 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(92, 85, 174)` looks like.

```
.text, #text, p{  
    color:rgb(92, 85, 174)  
}
```

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(92, 85, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 85, 174) }
```

Border

The CSS property to change the border of an element to XYZ 15.3021, 11.8283, 41.5210 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(92, 85, 174) }
```


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

```
.border{ border-color:rgb(92, 85, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 85, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 85, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 85, 174);  
box-shadow:4px 4px 4px 4px rgb(92, 85,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3021, 11.8283, 41.5210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 85, 174) }
```

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

```
.background{ background-color: rgb(92, 85,  
174) }
```

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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