

Converting Colors

XYZ(16.0330, 11.2874, 43.4042)

Have a look what the booklet for
XYZ(16.0330, 11.2874, 43.4042)
contains.

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Color

**XYZ(16.0566, 11.2888,
43.4522)**

Conversions

Conversions Part 1

Format	Color
Hex	654DB2
RGB	101, 77, 178
RGB Percent	40%, 30%, 70%
CMY	0.6039, 0.6980, 0.3020
CMYK	0.43, 0.57, 0.00, 0.30
HSL	254°, 40%, 50%
HSV	254°, 57%, 70%
XYZ	16.0566, 11.2888, 43.4522
YIQ	95.6900, -18.1170, 36.4990

Conversions

Conversions Part 2

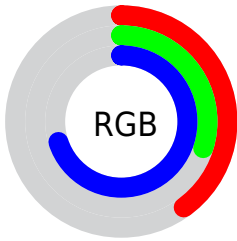
Format	Color
R _{YB}	101, 77, 178
Decimal	6639026
CIE Lab	40.06, 34.75, -50.59
CIE LCh	40, 61.375, 304.488
Yxy	11.2888, 0.2268, 0.1595
Android (android.graphics.Color)	4284829106 (0xFF654DB2)
YUV	95.6900, 40.5788, 4.6569
Hunter-Lab	33.5988, 26.5058, -53.1586

Details

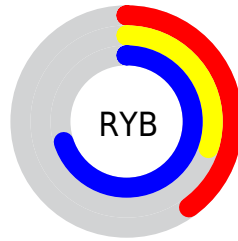
The XYZ color **16.0566, 11.2888, 43.4522** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **30.5861, 39.2467, 12.9847**, and the grayscale version is **10.9519, 11.5222, 12.5477**.

A 20% lighter version of the original color is **36.1510, 28.1872, 81.3772**, and **5.2103, 2.9931, 19.3719** is the 20% darker color. If you saturate the color by 10%, you get **13.5813, 8.4102, 43.0273**, and if you desaturate by 10%, it is **19.1245, 14.9790, 44.0030**.

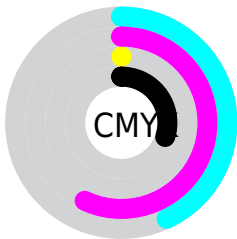
Distribution



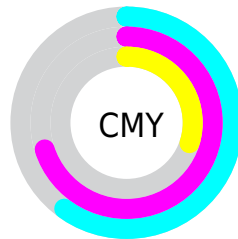
- Red (40%)
- Green (30%)
- Blue (70%)



- Red (40%)
- Yellow (30%)
- Blue (70%)



- Cyan (43%)
- Magenta (57%)
- Yellow (0%)
- Black (30%)



- Cyan (60%)
- Magenta (70%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0566, 11.2888, 43.4522 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 16.0566, 11.2888, 43.4522 by changing the saturation by 10% instead.

■ 16.0566, 11.2888,
43.4522

■ 16.0566, 11.2888,
43.4522

222.9393,
199.6383, 376.4439

■ 9.6553, 6.2614,
29.9061

■ 36.2531, 28.1930,
81.6865

■ 5.2315, 3.0047,
19.5158

■ 50.7790, 40.8386,
107.2117

■ 2.4199, 1.1342,
11.8630

■ 68.7438, 56.7924,
137.5670

■ 0.8550, 0.0069,
6.5291

■ 90.5130, 76.4388,
173.1709

■ 0.0000, 0.0000,
3.0954

■ 116.4517,
100.1622, 214.4420

■ 0.0000, 0.0000,
1.1436

146.9254,

■ 0.0000, 0.0000,

128.3470, 261.7989

0.0000

182.2995,
161.3776, 315.6600

■ 16.0566, 11.2888,
43.4522

■ 16.0566, 11.2888,
43.4522

■ 13.5813, 8.4102,
43.0273

■ 19.1245, 14.9790,
44.0030

■ 11.6564, 6.2786,
42.7173

■ 22.8203, 19.5361,
44.6878

■ 10.2357, 4.8211,
42.5109

■ 27.1782, 25.0120,
45.5151

■ 9.2585, 3.9381,
42.3919

■ 32.2294, 31.4540,
46.4923

■ 9.0032, 3.7130,
42.3619

■ 38.0030, 38.9060,
47.6264

■ 44.5266, 47.4095,
48.9239

■ 51.8261, 57.0034,
50.3910

■ 59.9263, 67.7246,
52.0335

■ 68.8507, 79.6085,
53.8569

Harmonies

Analogous

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



11.3823, 11.2888, 53.5270



16.0566, 11.2888, 43.4522



19.9285, 11.2888, 25.3848

Triad

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



16.0566, 11.2888, 43.4522



14.6500, 11.2888, 0.9566



4.4688, 11.2888, 14.2165

Complementary

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



16.0566, 11.2888, 43.4522



30.5861, 39.2467, 12.9847

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.



4.9134, 11.2888, 4.7138



16.0566, 11.2888, 43.4522



10.1025, 11.2888, 0.5514

Square

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



16.0566, 11.2888, 43.4522



18.9773, 11.2888, 3.2292



6.7342, 11.2888, 1.3310



5.3034, 11.2888, 30.8874

Rectangle

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



16.0566, 11.2888, 43.4522



21.0979, 11.2888, 14.6803



6.7342, 11.2888, 1.3310



4.4759, 11.2888, 10.1771

Sweetspot

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



16.0571, 11.2892, 43.4525



57.9053, 56.3463, 84.2052



22.7239, 28.0469, 46.3357



12.4081, 11.9445, 18.5738



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



16.0571, 11.2892, 43.4525



23.6895, 14.1896, 77.8715



23.4649, 15.1080, 43.7992



8.2248, 8.3244, 10.6796



6.4900, 2.6815, 30.3125



0.2568, 0.1115, 0.9562

Inverse Universe

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



26.8467, 17.1060, 32.4578



45.5604, 26.0158, 53.9838



22.9614, 35.3160, 12.6278



8.7619, 8.6115, 10.2449



16.3266, 8.0482, 17.4117



0.5347, 0.2616, 0.6583

Previews

White Background



This preview shows how the XYZ color 16.0566, 11.2888, 43.4522 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 16.0566, 11.2888, 43.4522 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 16.0566, 11.2888, 43.4522

Background



This preview shows how black text looks on a background with the XYZ color 16.0566, 11.2888, 43.4522.



This preview shows how white text looks on a background with the XYZ color 16.0566, 11.2888,

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

16.0566, 11.2888, 43.4522

Protanopia

13.5047, 11.4036, 51.9414

Deuteranopia

11.4386, 11.2680, 39.6023



Tritanopia

10.3407, 11.3879, 14.7498

Trichromacy



Original Color

16.0566, 11.2888, 43.4522

Protanomaly

13.4436, 10.8219, 48.9572

Deuteranomaly

11.8782, 10.5552, 40.9465

Tritanomaly

11.9693, 11.1247, 22.9892

Monochromacy



Original Color

16.0566, 11.2888, 43.4522

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

12.3753, 11.2478, 21.2575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0566, 11.2888, 43.4522 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(101, 77, 178)` looks like.

```
.text, #text, p{  
    color:rgb(101, 77, 178)  
}
```

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(101, 77, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 77, 178) }
```

Border

The CSS property to change the border of an element to XYZ 16.0566, 11.2888, 43.4522 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(101, 77, 178) }
```


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

```
.border{ border-color:rgb(101, 77, 178) }
```

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

Here you see how a box with a 4 pixel rgb(101, 77, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 77, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 77, 178);  
box-shadow:4px 4px 4px 4px rgb(101, 77,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0566, 11.2888, 43.4522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 77, 178) }
```

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

```
.background{ background-color: rgb(101, 77,  
178) }
```

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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