

Converting Colors

XYZ(16.4294, 10.5700, 25.6004)

Have a look what the booklet for
XYZ(16.4294, 10.5700, 25.6004)
contains.

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Color

**XYZ(16.4294, 10.5700,
25.6004)**

Conversions

Conversions Part 1

Format	Color
Hex	873F8B
RGB	135, 63, 139
RGB Percent	53%, 25%, 55%
CMY	0.4706, 0.7529, 0.4549
CMYK	0.03, 0.55, 0.00, 0.45
HSL	297°, 38%, 40%
HSV	297°, 55%, 55%
XYZ	16.4294, 10.5700, 25.6004
YIQ	93.1920, 18.5160, 38.9000

Conversions

Conversions Part 2

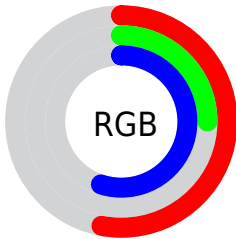
Format	Color
RYB	135, 63, 139
Decimal	8863627
CIELab	38.85, 42.12, -28.88
CIELCh	39, 51.067, 325.564
Yxy	10.5700, 0.3123, 0.2010
Android (android.graphics.Color)	4287053707 (0xFF873F8B)
YUV	93.1920, 22.5833, 36.6656
Hunter-Lab	32.5115, 33.3081, -23.9284

Details

The XYZ color **16.4294, 10.5700, 25.6004** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **12.4449, 20.0177, 7.9110**, and the grayscale version is **10.3956, 10.9369, 11.9103**.

A 20% lighter version of the original color is **36.8782, 26.8320, 53.6875**, and **5.4573, 2.7339, 9.6913** is the 20% darker color. If you saturate the color by 10%, you get **15.6374, 9.1599, 25.3701**, and if you desaturate by 10%, it is **17.4173, 12.3702, 25.8960**.

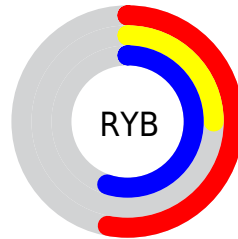
Distribution



Red (53%)

Green (25%)

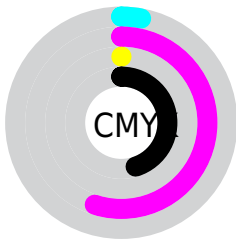
Blue (55%)



Red (53%)

Yellow (25%)

Blue (55%)

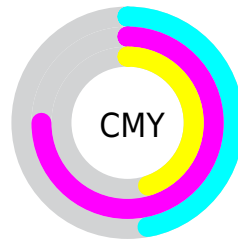


Cyan (3%)

Magenta (55%)

Yellow (0%)

Black (45%)



Cyan (47%)

Magenta (75%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4294, 10.5700, 25.6004 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 16.4294, 10.5700, 25.6004 by changing the saturation by 10% instead.

■ 16.4294, 10.5700,
25.6004

■ 16.4294, 10.5700,
25.6004

■ 225.0833,
194.6932, 294.3577

■ 9.9213, 5.7785,
16.3019

■ 36.8935, 26.8622,
53.6057

■ 5.4087, 2.7109,
9.5813

■ 51.5803, 39.1317,
73.1496

■ 2.5262, 0.9827,
5.0203

■ 69.7239, 54.6627,
96.9457

■ 0.9085, 0.0000,
2.2002

■ 91.6898, 73.8395,
125.4125

■ 0.0000, 0.0000,
0.6745

■ 117.8433, 97.0466,
158.9685

■ 0.0000, 0.0000,
0.0000

■ 148.5499,

124.6683, 198.0324

184.1747,
157.0891, 243.0226

■ 16.4294, 10.5700,
25.6004

■ 16.4294, 10.5700,
25.6004

■ 15.6374, 9.1599,
25.3701

■ 17.4173, 12.3702,
25.8960

■ 15.0253, 8.1086,
25.1995

■ 18.6134, 14.5859,
26.2606

■ 14.5764, 7.3825,
25.0830

■ 20.0303, 17.2419,
26.6986

■ 14.2681, 6.9364,
25.0131

■ 21.6791, 20.3606,
27.2136

■ 14.1269, 6.7443,
24.9835

■ 23.5705, 23.9632,
27.8093

■ 25.7142, 28.0691,
28.4889

■ 28.1195, 32.6971,
29.2554

■ 30.7952, 37.8648,
30.1118

■ 33.7498, 43.5890,
31.0610

Harmonies

Analogous

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



13.1258, 10.5700, 37.8539



16.4294, 10.5700, 25.6004



18.0357, 10.5700, 13.0123

Triad

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



16.4294, 10.5700, 25.6004



10.5585, 10.5700, 1.1319



5.2435, 10.5700, 21.5752

Complementary

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



16.4294, 10.5700, 25.6004



12.4449, 20.0177, 7.9110

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.



4.8531, 10.5700, 10.1261



16.4294, 10.5700, 25.6004



7.4909, 10.5700, 1.5523

Square

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



16.4294, 10.5700, 25.6004



14.1961, 10.5700, 1.9634



5.5768, 10.5700, 3.8572



6.7963, 10.5700, 34.7528

Rectangle

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



16.4294, 10.5700, 25.6004



17.7138, 10.5700, 7.1961



5.5768, 10.5700, 3.8572



4.9893, 10.5700, 17.2715

Sweetspot

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



16.4298, 10.5705, 25.6006



38.2993, 35.4678, 48.5703



8.7817, 7.0637, 25.3268



8.6986, 7.9329, 11.1522



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.4298, 10.5705, 25.6006



27.6700, 15.8219, 45.3385



15.0303, 10.0864, 14.8090



5.2083, 5.1158, 6.3188



12.7546, 6.0894, 22.5488



0.0884, 0.0424, 0.1500

Inverse Universe

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



13.4384, 9.4497, 6.4263



21.8051, 13.6425, 6.9281



13.3911, 20.3656, 14.2759



5.0429, 5.0526, 5.3141



9.6481, 4.9693, 0.6510



0.0653, 0.0335, 0.0107

Previews

White Background



This preview shows how the XYZ color 16.4294, 10.5700, 25.6004 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



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 16.4294, 10.5700, 25.6004

Background



This preview shows how black text looks on a background with the XYZ color 16.4294, 10.5700, 25.6004.



This preview shows how white text looks on a background with the XYZ color 16.4294, 10.5700,

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

16.4294, 10.5700, 25.6004

Protanopia

12.0119, 10.8562, 36.1127

Deuteranopia

10.9458, 10.6993, 24.0425



Tritanopia

13.1173, 10.5215, 9.5231

Trichromacy



Original Color

16.4294, 10.5700, 25.6004

Protanomaly

12.5391, 10.0488, 31.8506

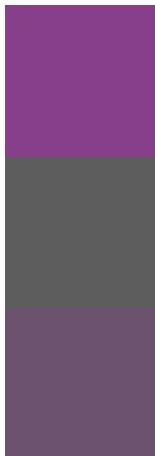
Deuteranomaly

12.3161, 10.2038, 24.6130

Tritanomaly

14.1256, 10.4393, 14.1024

Monochromacy



Original Color

16.4294, 10.5700, 25.6004

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

12.0161, 10.3485, 16.1160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4294, 10.5700, 25.6004 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(135, 63, 139)` looks like.

```
.text, #text, p{  
    color:rgb(135, 63, 139)  
}
```

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(135, 63, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 63, 139) }
```

Border

The CSS property to change the border of an element to XYZ 16.4294, 10.5700, 25.6004 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(135, 63, 139) }
```


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

```
.border{ border-color:rgb(135, 63, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 63, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 63, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 63, 139);  
box-shadow:4px 4px 4px 4px rgb(135, 63,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4294, 10.5700, 25.6004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 63, 139) }
```

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

```
.background{ background-color: rgb(135, 63,  
139) }
```

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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