

Converting Colors

XYZ(30.5036, 19.7437, 29.0974)

Have a look what the booklet for
XYZ(30.5036, 19.7437, 29.0974)
contains.

XYZ(30.4522, 19.7002, 28.9856)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.4522, 19.7002,
28.9856)**

Conversions

Conversions Part 1

Format	Color
Hex	C25391
RGB	194, 83, 145
RGB Percent	76%, 33%, 57%
CMY	0.2392, 0.6745, 0.4314
CMYK	0.00, 0.57, 0.25, 0.24
HSL	326°, 48%, 54%
HSV	326°, 57%, 76%
XYZ	30.4522, 19.7002, 28.9856
YIQ	123.2570, 46.2540, 42.8140

Conversions

Conversions Part 2

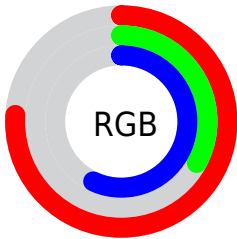
Format	Color
RYB	194, 83, 145
Decimal	12735377
CIELab	51.50, 51.20, -12.28
CIElCh	51, 52.654, 346.508
Yxy	19.7002, 0.3848, 0.2489
Android (android.graphics.Color)	4290925457 (0xFFC25391)
YUV	123.2570, 10.7193, 62.0416
Hunter-Lab	44.3849, 44.7941, -7.6499

Details

The XYZ color **30.4522, 19.7002, 28.9856** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **27.0249, 42.0890, 28.5315**, and the grayscale version is **18.8674, 19.8499, 21.6166**.

A 20% lighter version of the original color is **59.7625, 42.8975, 59.1630**, and **12.7297, 6.8398, 11.4758** is the 20% darker color. If you saturate the color by 10%, you get **28.5344, 16.8819, 25.2100**, and if you desaturate by 10%, it is **32.8361, 23.3708, 33.1626**.

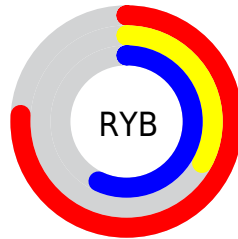
Distribution



Red (76%)

Green (33%)

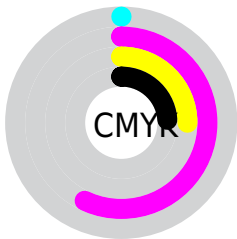
Blue (57%)



Red (76%)

Yellow (33%)

Blue (57%)

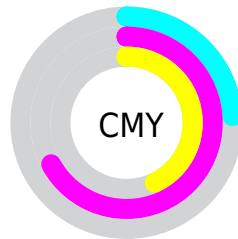


Cyan (0%)

Magenta (57%)

Yellow (25%)

Black (24%)



Cyan (24%)

Magenta (67%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4522, 19.7002, 28.9856 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 30.4522, 19.7002, 28.9856 by changing the saturation by 10% instead.

■ 30.4522, 19.7002,
28.9856

■ 30.4522, 19.7002,
28.9856

295.8788,
250.2875, 311.2058

■ 20.3318, 12.1773,
18.8244

■ 59.7583, 42.9140,
59.0961

■ 12.7462, 6.8645,
11.3680

■ 79.6748, 59.3736,
79.8826

■ 7.3298, 3.3775,
6.1976

■ 103.5873, 79.5810,
105.0478

■ 3.7173, 1.3319,
2.8949

■ 131.8613,
103.9205, 135.0105

■ 1.5435, 0.1657,
1.0412

■ 164.8621,
132.7765, 170.1891

■ 0.3551, 0.0000,
0.0000

202.9550,

■ 0.0000, 0.0000,

166.5334, 211.0022

0.0000

246.5055,
205.5756, 257.8682

■ 30.4522, 19.7002,
28.9856

■ 30.4522, 19.7002,
28.9856

■ 28.5344, 16.8819,
25.2100

■ 32.8361, 23.3708,
33.1626

■ 27.0444, 14.8413,
21.8171

■ 35.7170, 27.9541,
37.7559

■ 25.9399, 13.4957,
18.7875

■ 39.1250, 33.5086,
42.7809

■ 25.1620, 12.7288,
16.0956

■ 43.0872, 40.0869,
48.2514

■ 24.9740, 12.5597,
15.3950

■ 47.6287, 47.7376,
54.1806

■ 52.7731, 56.5066,
60.5811

■ 58.5428, 66.4369,
67.4648

■ 64.9586, 77.5690,
74.8431

■ 71.2037, 88.2676,
82.4479

Harmonies

Analogous

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



27.1107, 19.7002, 48.3775



30.4522, 19.7002, 28.9856



30.2611, 19.7002, 14.1950

Triad

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



30.4522, 19.7002, 28.9856



15.9817, 19.7002, 3.8933



12.5627, 19.7002, 50.2650

Complementary

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



30.4522, 19.7002, 28.9856



27.0249, 42.0890, 28.5315

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.



10.5706, 19.7002, 30.8326



30.4522, 19.7002, 28.9856



12.2750, 19.7002, 7.0036

Square

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



30.4522, 19.7002, 28.9856



21.1980, 19.7002, 3.7676



10.4763, 19.7002, 15.3489



16.4512, 19.7002, 64.0461

Rectangle

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



30.4522, 19.7002, 28.9856



28.1423, 19.7002, 8.3725



10.4763, 19.7002, 15.3489



11.6840, 19.7002, 43.8534

Sweetspot

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



30.4528, 19.7012, 28.9860



78.0197, 72.5548, 87.3612



22.2075, 14.9161, 52.7476



16.7450, 15.3199, 18.6716



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



30.4528, 19.7012, 28.9860



50.8431, 29.3822, 43.8336



27.2047, 18.4020, 11.8818



10.3034, 10.1700, 11.6884



16.4615, 8.2743, 10.3420



0.7455, 0.3712, 0.6270

Inverse Universe

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



30.4528, 19.7012, 28.9860



50.8431, 29.3822, 43.8336



31.7866, 43.9937, 53.6061



10.3034, 10.1700, 11.6884



16.4615, 8.2743, 10.3420



0.7455, 0.3712, 0.6270

Previews

White Background



This preview shows how the XYZ color 30.4522, 19.7002, 28.9856 looks on a white background.

Color Contrast Check

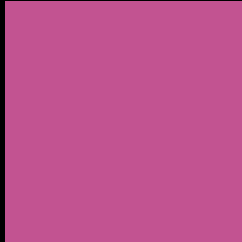
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.4522, 19.7002, 28.9856 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4522, 19.7002, 28.9856

Background



This preview shows how black text looks on a background with the XYZ color 30.4522, 19.7002, 28.9856.



This preview shows how white text looks on a background with the XYZ color 30.4522, 19.7002,

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

30.4522, 19.7002, 28.9856

Protanopia

20.5903, 20.0858, 41.8214

Deuteranopia

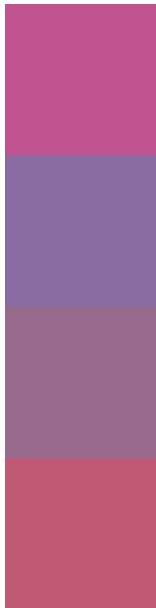
20.2788, 19.8862, 27.1957



Tritanopia

27.4498, 19.6960, 14.4115

Trichromacy



Original Color

30.4522, 19.7002, 28.9856

Protanomaly

22.5316, 18.8227, 36.6280

Deuteranomaly

23.0143, 19.1139, 27.6757

Tritanomaly

28.2106, 19.4821, 18.7966

Monochromacy



Original Color

30.4522, 19.7002, 28.9856

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

21.8537, 18.7534, 23.9407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4522, 19.7002, 28.9856 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(194, 83, 145)` looks like.

```
.text, #text, p{  
    color:rgb(194, 83, 145)  
}
```

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(194, 83, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 83, 145) }
```

Border

The CSS property to change the border of an element to XYZ 30.4522, 19.7002, 28.9856 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(194, 83, 145) }
```


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

```
.border{ border-color:rgb(194, 83, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 83, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 83, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 83, 145);  
box-shadow:4px 4px 4px 4px rgb(194, 83,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4522, 19.7002, 28.9856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 83, 145) }
```

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

```
.background{ background-color: rgb(194, 83,  
145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor