

Converting Colors

XYZ(43.5198, 30.2791, 34.7628)

Have a look what the booklet for
XYZ(43.5198, 30.2791, 34.7628)
contains.

XYZ(43.3891, 30.2858, 34.5692)	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(43.3891, 30.2858,
34.5692)**

Conversions

Conversions Part 1

Format	Color
Hex	E3709B
RGB	227, 112, 155
RGB Percent	89%, 44%, 61%
CMY	0.1098, 0.5608, 0.3922
CMYK	0.00, 0.51, 0.32, 0.11
HSL	338°, 67%, 66%
HSV	338°, 51%, 89%
XYZ	43.3891, 30.2858, 34.5692
YIQ	151.2870, 54.7370, 37.7530

Conversions

Conversions Part 2

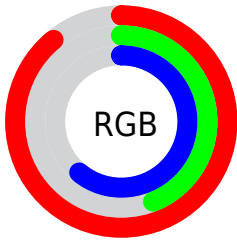
Format	Color
R _Y B	227, 112, 155
Decimal	14905499
CIE Lab	61.90, 49.22, -2.13
CIE LCh	62, 49.261, 357.523
Yxy	30.2858, 0.4008, 0.2798
Android (android.graphics.Color)	4293095579 (0xFFE3709B)
YUV	151.2870, 1.8305, 66.4003
Hunter-Lab	55.0325, 44.4272, 1.2792

Details

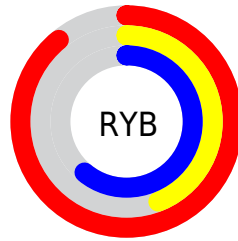
The XYZ color **43.3891, 30.2858, 34.5692** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **42.8044, 61.8444, 55.0319**, and the grayscale version is **29.5153, 31.0524, 33.8160**.

A 20% lighter version of the original color is **66.5673, 53.5009, 67.1398**, and **20.3739, 12.4606, 14.4280** is the 20% darker color. If you saturate the color by 10%, you get **40.0685, 25.4436, 27.9158**, and if you desaturate by 10%, it is **47.4832, 36.4497, 42.1742**.

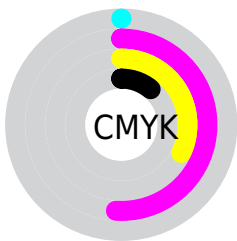
Distribution



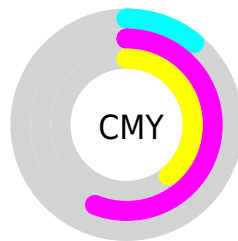
- Red (89%)
- Green (44%)
- Blue (61%)



- Red (89%)
- Yellow (44%)
- Blue (61%)



- Cyan (0%)
- Magenta (51%)
- Yellow (32%)
- Black (11%)





- Cyan (11%)
- Magenta (56%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3891, 30.2858, 34.5692 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 43.3891, 30.2858, 34.5692 by changing the saturation by 10% instead.


 43.3891, 30.2858,
34.5692


 43.3891, 30.2858,
34.5692

351.1040,
303.2344, 337.5090


 30.3864, 20.0556,
23.0503


 79.5498, 60.1139,
67.9618

 20.2816, 12.4355,
14.4250


 103.4384, 80.4805,
90.6727

 12.7093, 7.0410,
8.2747


 131.6864,
104.9948, 117.9512

 7.3043, 3.4877,
4.1810

164.6591,
134.0411, 150.2161

 3.7012, 1.3914,
1.7251

202.7218,
168.0038, 187.8857

 1.5345, 0.2103,
0.3779

246.2400,

 0.3491, 0.0000,

207.2673, 231.3787

0.0000

295.5789,
252.2161, 281.1137

■ 0.0000, 0.0000,
0.0000

■ 43.3891, 30.2858,
34.5692

■ 43.3891, 30.2858,
34.5692

■ 40.0685, 25.4436,
27.9158

■ 47.4832, 36.4497,
42.1742

■ 37.4655, 21.8199,
22.1707

■ 52.3962, 44.0194,
50.7678

■ 35.5206, 19.3033,
17.2889

■ 58.1729, 53.0772,
60.3871

■ 34.1622, 17.7595,
13.2196

■ 64.8539, 63.6976,
71.0664

■ 33.3132, 16.9847,
10.0901

■ 72.4774, 75.9503,
82.8383

■ 81.0791, 89.9008,
95.7340

■ 85.4067, 95.0382,
108.0214

■ 85.4886, 95.0709,
108.4525

Harmonies

Analogous

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



40.8510, 30.2858, 56.5481



43.3891, 30.2858, 34.5692



41.5464, 30.2858, 18.8903

Triad

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



43.3891, 30.2858, 34.5692



23.3191, 30.2858, 10.1299



22.5047, 30.2858, 74.0332

Complementary

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



43.3891, 30.2858, 34.5692



42.8044, 61.8444, 55.0319

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.



18.9487, 30.2858, 52.7454



43.3891, 30.2858, 34.5692



19.3660, 30.2858, 17.0781

Square

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



43.3891, 30.2858, 34.5692



29.3368, 30.2858, 8.3866



17.8928, 30.2858, 31.4327



28.2417, 30.2858, 84.1317

Rectangle

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



43.3891, 30.2858, 34.5692



38.2169, 30.2858, 12.8013



17.8928, 30.2858, 31.4327



21.0498, 30.2858, 67.6293

Sweetspot

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



43.3899, 30.2873, 34.5698



80.4195, 76.5293, 86.1721



39.1693, 27.1933, 75.8575



16.8209, 15.7574, 17.8163



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.



43.3899, 30.2873, 34.5698



51.8824, 32.7243, 35.7527



41.9908, 32.2754, 19.3478



14.5987, 14.4567, 16.0873



19.4803, 9.9263, 6.1583



1.4834, 0.7511, 0.6859

Inverse Universe

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



43.3899, 30.2873, 34.5698



51.8824, 32.7243, 35.7527



44.4896, 56.8742, 81.3061



14.5987, 14.4567, 16.0873



19.4803, 9.9263, 6.1583



1.4834, 0.7511, 0.6859

Previews

White Background



This preview shows how the XYZ color 43.3891, 30.2858, 34.5692 looks on a white background.

Color Contrast Check

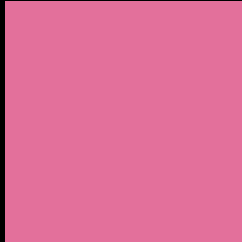
Large Text (above 18pt) WCAG AA × Fail

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 43.3891, 30.2858, 34.5692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

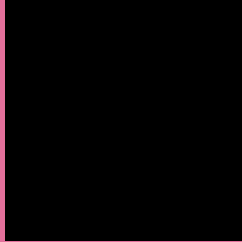
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3891, 30.2858, 34.5692

Background



This preview shows how black text looks on a background with the XYZ color 43.3891, 30.2858, 34.5692.



This preview shows how white text looks on a background with the XYZ color 43.3891, 30.2858,

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

43.3891, 30.2858, 34.5692

Protanopia

30.2849, 30.6385, 46.4371

Deuteranopia

31.1475, 30.4521, 33.0904



Tritanopia

40.9848, 30.3105, 23.4290

Trichromacy



Original Color

43.3891, 30.2858, 34.5692

Protanomaly

33.5154, 29.5093, 41.9596

Deuteranomaly

34.7941, 29.7334, 33.6110

Tritanomaly

41.8121, 30.3045, 27.3125

Monochromacy



Original Color

43.3891, 30.2858, 34.5692

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

33.2036, 29.7420, 33.6965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3891, 30.2858, 34.5692 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(227, 112, 155)` looks like.

```
.text, #text, p{  
    color:rgb(227, 112, 155)  
}
```

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(227, 112, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 112, 155) }
```

Border

The CSS property to change the border of an element to XYZ 43.3891, 30.2858, 34.5692 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(227, 112, 155) }
```


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

```
.border{ border-color:rgb(227, 112, 155) }
```

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

Here you see how a box with a 4 pixel rgb(227, 112, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 112, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 112, 155);  
box-shadow:4px 4px 4px 4px rgb(227, 112,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3891, 30.2858, 34.5692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 112, 155) }
```

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

```
.background{ background-color: rgb(227,  
112, 155) }
```

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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