

Converting Colors

XYZ(11.4315, 5.5843, 35.1257)

Have a look what the booklet for
XYZ(11.4315, 5.5843, 35.1257)
contains.

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Color

**XYZ(11.4315, 5.5843,
35.1257)**

Conversions

Conversions Part 1

Format	Color
Hex	5D17A3
RGB	93, 23, 163
RGB Percent	36%, 9%, 64%
CMY	0.6353, 0.9098, 0.3608
CMYK	0.43, 0.86, 0.00, 0.36
HSL	270°, 75%, 36%
HSV	270°, 86%, 64%
XYZ	11.4315, 5.5843, 35.1257
YIQ	59.8900, -3.2200, 58.3800

Conversions

Conversions Part 2

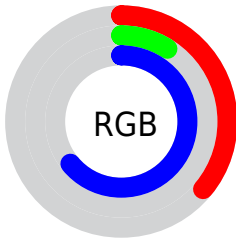
Format	Color
R_{YB}	93, 23, 163
Decimal	6100899
CIE Lab	28.34, 55.69, -60.72
CIE LCh	28, 82.395, 312.527
Yxy	5.5843, 0.2192, 0.1071
Android (android.graphics.Color)	4284290979 (0xFF5D17A3)
YUV	59.8900, 50.8332, 29.0375
Hunter-Lab	23.6311, 44.9945, -71.5879

Details

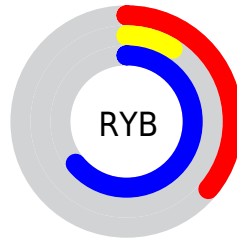
The XYZ color **11.4315, 5.5843, 35.1257** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **17.7657, 28.5833, 5.3913**, and the grayscale version is **4.2120, 4.4313, 4.8257**.

A 20% lighter version of the original color is **28.0882, 17.0473, 68.8279**, and **3.4101, 1.4329, 14.8487** is the 20% darker color. If you saturate the color by 10%, you get **10.4167, 4.7143, 35.0114**, and if you desaturate by 10%, it is **12.7303, 6.8907, 35.3095**.

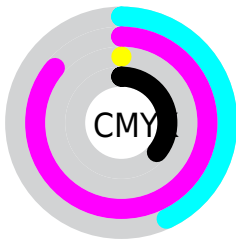
Distribution



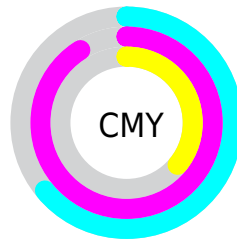
- Red (36%)
- Green (9%)
- Blue (64%)



- Red (36%)
- Yellow (9%)
- Blue (64%)



- Cyan (43%)
- Magenta (86%)
- Yellow (0%)
- Black (36%)



- Cyan (64%)
- Magenta (91%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4315, 5.5843, 35.1257 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 11.4315, 5.5843, 35.1257 by changing the saturation by 10% instead.

■ 11.4315, 5.5843,
35.1257

■ 11.4315, 5.5843,
35.1257

194.4522,
155.3200, 340.0439

■ 6.4273, 2.5940,
23.4754

■ 28.0813, 17.0623,
68.8342

■ 3.1497, 0.9236,
14.7363

■ 40.4576, 26.3189,
91.7295

■ 1.2334, 0.0000,
8.4900

■ 56.0220, 38.4329,
119.2102

■ 0.1325, 0.0000,
4.3178

■ 75.1397, 53.7889,
151.6949

■ 0.0000, 0.0000,
1.8013

■ 98.1763, 72.7712,
189.6021

■ 0.0000, 0.0000,
0.4288

■ 125.4970, 95.7642,

■ 0.0000, 0.0000,

233.3503

0.0000

157.4672,
123.1524, 283.3580

11.4315, 5.5843,
35.1257

11.4315, 5.5843,
35.1257

10.4167, 4.7143,
35.0114

12.7303, 6.8907,
35.3095

10.0476, 4.4161,
34.9733

14.3497, 8.7045,
35.5743

16.3188, 11.0794,
35.9289

18.6626, 14.0620,
36.3811

21.4035, 17.6937,
36.9376

■ 24.5622, 22.0124,
37.6047

■ 28.1577, 27.0528,
38.3881

■ 32.2075, 32.8472,
39.2931

■ 36.7286, 39.4261,
40.3247

Harmonies

Analogous

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



6.9402, 5.5843, 52.5491



11.4315, 5.5843, 35.1257



14.9178, 5.5843, 14.1003

Triad

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



11.4315, 5.5843, 35.1257



7.6473, 5.5843, 0.0000



1.0310, 5.5843, 11.4191

Complementary

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



11.4315, 5.5843, 35.1257



17.7657, 28.5833, 5.3913

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.



1.0833, 5.5843, 1.8814



11.4315, 5.5843, 35.1257



3.9537, 5.5843, 0.0000

Square

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



11.4315, 5.5843, 35.1257



12.1446, 5.5843, 0.0000



1.8884, 5.5843, 0.0000



1.6857, 5.5843, 31.4024

Rectangle

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



11.4315, 5.5843, 35.1257



15.5439, 5.5843, 5.2542



1.8884, 5.5843, 0.0000



0.9793, 5.5843, 6.9889

Sweetspot

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



11.4318, 5.5845, 35.1258



43.6325, 38.9290, 67.2705



10.8785, 10.6552, 36.1338



9.3664, 8.1466, 15.0163



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



11.4318, 5.5845, 35.1258



17.7633, 7.7896, 62.6234



22.0216, 11.0437, 35.6214



7.0221, 7.0257, 8.8891



7.8613, 3.4591, 27.1831



0.2197, 0.1008, 0.5737

Inverse Universe

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



17.3863, 9.1896, 11.2124



29.6427, 14.9819, 14.9159



13.6052, 26.4385, 5.1966



7.2145, 7.1423, 8.1161



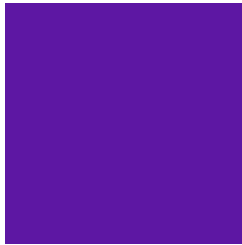
12.9305, 6.5283, 6.8248



0.2956, 0.1467, 0.2690

Previews

White Background



This preview shows how the XYZ color 11.4315, 5.5843, 35.1257 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

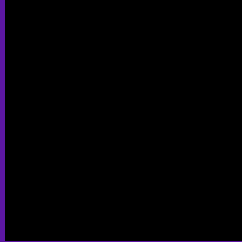
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.4315, 5.5843, 35.1257

Background



This preview shows how black text looks on a background with the XYZ color 11.4315, 5.5843, 35.1257.



This preview shows how white text looks on a background with the XYZ color 11.4315, 5.5843,

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

11.4315, 5.5843, 35.1257

Protanopia

6.5357, 5.7314, 24.8066

Deuteranopia

5.5199, 5.7122, 18.2644



Tritanopia

5.7580, 5.7291, 6.7636

Trichromacy



Original Color

11.4315, 5.5843, 35.1257

Protanomaly

7.0667, 4.7279, 28.1439

Deuteranomaly

6.3060, 4.6356, 23.4841

Tritanomaly

6.9476, 4.9862, 13.6929

Monochromacy



Original Color

11.4315, 5.5843, 35.1257

Achromatopsia

4.2949, 4.5186, 4.9208

Achromatomaly

5.8467, 4.2738, 11.8260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4315, 5.5843, 35.1257 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(93, 23, 163)` looks like.

```
.text, #text, p{  
    color:rgb(93, 23, 163)  
}
```

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(93, 23, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 23, 163) }
```

Border

The CSS property to change the border of an element to XYZ 11.4315, 5.5843, 35.1257 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(93, 23, 163) }
```


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

```
.border{ border-color:rgb(93, 23, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 23, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 23, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 23, 163);  
box-shadow:4px 4px 4px 4px rgb(93, 23,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4315, 5.5843, 35.1257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 23, 163) }
```

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

```
.background{ background-color: rgb(93, 23,  
163) }
```

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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