

Converting Colors

XYZ(11.5120, 9.2158, 26.3714)

Have a look what the booklet for
XYZ(11.5120, 9.2158, 26.3714)
contains.

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Color

**XYZ(11.5120, 9.2158,
26.3714)**

Conversions

Conversions Part 1

Format	Color
Hex	594C8D
RGB	89, 76, 141
RGB Percent	35%, 30%, 55%
CMY	0.6510, 0.7020, 0.4471
CMYK	0.37, 0.46, 0.00, 0.45
HSL	252°, 30%, 43%
HSV	252°, 46%, 55%
XYZ	11.5120, 9.2158, 26.3714
YIQ	87.2970, -13.1170, 22.9710

Conversions

Conversions Part 2

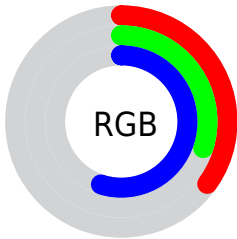
Format	Color
R_{YB}	89, 76, 141
Decimal	5852301
CIE _{Lab}	36.40, 21.54, -34.33
CIE _{LCh}	36, 40.526, 302.105
Yxy	9.2158, 0.2444, 0.1957
Android (android.graphics.Color)	4284042381 (0xFF594C8D)
YUV	87.2970, 26.4756, 1.4935
Hunter-Lab	30.3575, 14.5640, -30.2546

Details

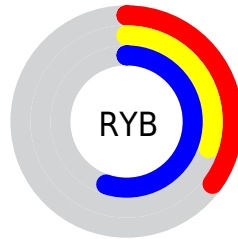
The XYZ color **11.5120, 9.2158, 26.3714** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.7315, 24.1609, 10.4613**, and the grayscale version is **9.0701, 9.5424, 10.3917**.

A 20% lighter version of the original color is **28.1684, 24.2701, 54.8297**, and **3.1987, 2.2025, 9.9294** is the 20% darker color. If you saturate the color by 10%, you get **9.6442, 6.9656, 26.0357**, and if you desaturate by 10%, it is **13.7593, 11.9780, 26.7863**.

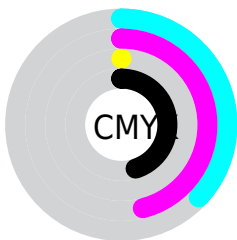
Distribution



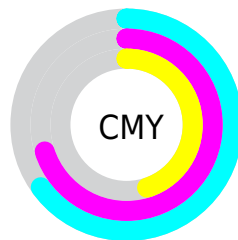
- Red (35%)
- Green (30%)
- Blue (55%)



- Red (35%)
- Yellow (30%)
- Blue (55%)



- Cyan (37%)
- Magenta (46%)
- Yellow (0%)
- Black (45%)



- Cyan (65%)
- Magenta (70%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5120, 9.2158, 26.3714 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 11.5120, 9.2158, 26.3714 by changing the saturation by 10% instead.

■ 11.5120, 9.2158,
26.3714

■ 11.5120, 9.2158,
26.3714

194.9839,
184.9797, 298.2638

■ 6.4821, 4.8822,
16.8734

■ 28.2278, 24.3097,
54.8649

■ 3.1838, 2.1783,
9.9833

■ 40.6444, 35.8387,
74.6976

■ 1.2517, 0.7081,
5.2824

■ 56.2540, 50.5350,
98.8122

■ 0.1466, 0.0000,
2.3523

■ 75.4219, 68.7831,
127.6273

■ 0.0000, 0.0000,
0.7603

■ 98.5135, 90.9671,
161.5615

■ 0.0000, 0.0000,
0.0000

125.8941,

117.4717, 201.0333

157.9291,
148.6810, 246.4612

■ 11.5120, 9.2158,
26.3714

■ 11.5120, 9.2158,
26.3714

■ 9.6442, 6.9656,
26.0357

■ 13.7593, 11.9780,
26.7863

■ 8.1333, 5.1945,
25.7735

■ 16.4049, 15.2804,
27.2843

■ 6.9558, 3.8670,
25.5793

■ 19.4675, 19.1504,
27.8698

■ 6.0846, 2.9424,
25.4467

■ 22.9645, 23.6131,
28.5469

■ 5.4821, 2.3594,
25.3660

■ 26.9120, 28.6921,
29.3192

■ 5.2922, 2.1729,
25.3400

■ 31.3256, 34.4099,
30.1902

■ 36.2198, 40.7875,
31.1633

■ 41.6087, 47.8454,
32.2416

■ 47.5058, 55.6028,
33.4281

Harmonies

Analogous

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



8.9337, 9.2158, 30.4839



11.5120, 9.2158, 26.3714



13.6227, 9.2158, 17.7715

Triad

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



11.5120, 9.2158, 26.3714



11.1559, 9.2158, 2.2058



4.8416, 9.2158, 10.5386

Complementary

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



11.5120, 9.2158, 26.3714



19.7315, 24.1609, 10.4613

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.



5.2179, 9.2158, 4.9496



11.5120, 9.2158, 26.3714



8.5873, 9.2158, 1.6850

Square

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



11.5120, 9.2158, 26.3714



13.3915, 9.2158, 4.4324



6.4847, 9.2158, 2.3915



5.3414, 9.2158, 19.0588

Rectangle

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



11.5120, 9.2158, 26.3714



14.3094, 9.2158, 12.0061



6.4847, 9.2158, 2.3915



4.8697, 9.2158, 8.2914

Sweetspot

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



11.5124, 9.2161, 26.3716



35.9309, 35.6527, 50.1158



15.5076, 18.8982, 28.0299



7.7716, 7.6407, 11.1446



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.



11.5124, 9.2161, 26.3716



17.2468, 12.4453, 46.6210



15.3478, 11.1934, 26.5511



5.2241, 5.3037, 6.7771



4.8366, 1.9870, 23.1057



0.0611, 0.0266, 0.2216

Inverse Universe

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



17.4653, 12.3903, 21.8928



29.3827, 18.9283, 36.9442



15.6010, 22.0315, 10.2680



5.5807, 5.4928, 6.5558



12.7288, 6.2485, 14.7552



0.1293, 0.0628, 0.1810

Previews

White Background



This preview shows how the XYZ color 11.5120, 9.2158, 26.3714 looks on a white background.

Color Contrast Check

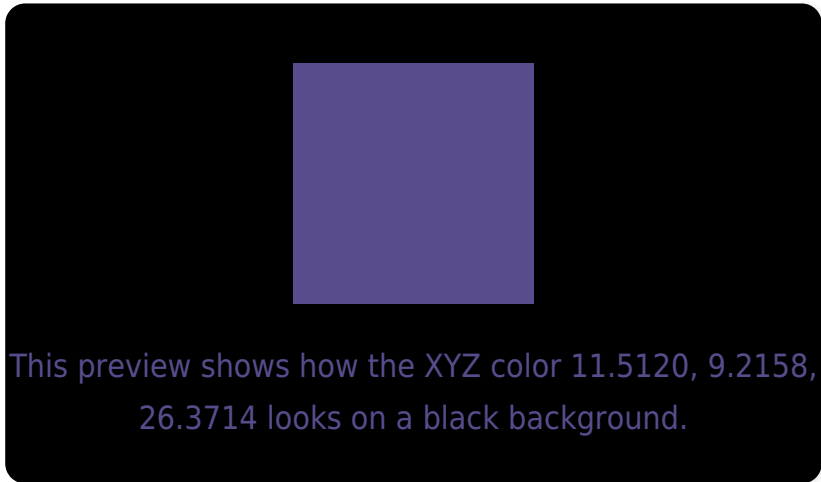
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.5120, 9.2158, 26.3714

Background



This preview shows how black text looks on a background with the XYZ color 11.5120, 9.2158, 26.3714.



This preview shows how white text looks on a background with the XYZ color 11.5120, 9.2158,

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

11.5120, 9.2158, 26.3714

Protanopia

10.2030, 9.3486, 29.2837

Deuteranopia

9.5093, 9.3039, 25.7207



Tritanopia

8.5705, 9.2442, 11.9223

Trichromacy



Original Color

11.5120, 9.2158, 26.3714

Protanomaly

10.5075, 9.1944, 28.0090

Deuteranomaly

10.0657, 9.1213, 26.0410

Tritanomaly

9.4422, 9.1280, 16.3032

Monochromacy



Original Color

11.5120, 9.2158, 26.3714

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

9.7716, 9.3228, 15.1944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5120, 9.2158, 26.3714 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(89, 76, 141)` looks like.

```
.text, #text, p{  
    color:rgb(89, 76, 141)  
}
```

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(89, 76, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 76, 141) }
```

Border

The CSS property to change the border of an element to XYZ 11.5120, 9.2158, 26.3714 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(89, 76, 141) }
```


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

```
.border{ border-color:rgb(89, 76, 141) }
```

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

Here you see how a box with a 4 pixel rgb(89, 76, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 76, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 76, 141);  
box-shadow:4px 4px 4px 4px rgb(89, 76,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5120, 9.2158, 26.3714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 76, 141) }
```

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

```
.background{ background-color: rgb(89, 76,  
141) }
```

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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