

Converting Colors

XYZ(11.8671, 10.5073, 24.2454)

Have a look what the booklet for
XYZ(11.8671, 10.5073, 24.2454)
contains.

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Color

**XYZ(11.9174, 10.5785,
24.3354)**

Conversions

Conversions Part 1

Format	Color
Hex	5A5687
RGB	90, 86, 135
RGB Percent	35%, 34%, 53%
CMY	0.6471, 0.6627, 0.4706
CMYK	0.33, 0.36, 0.00, 0.47
HSL	245°, 22%, 43%
HSV	245°, 36%, 53%
XYZ	11.9174, 10.5785, 24.3354
YIQ	92.7820, -13.3450, 16.0870

Conversions

Conversions Part 2

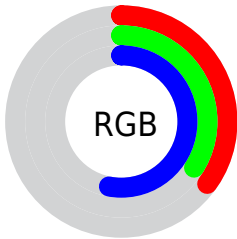
Format	Color
R_{YB}	90, 86, 135
Decimal	5920391
CIE _{Lab}	38.86, 13.78, -26.78
CIE _{LCh}	39, 30.124, 297.233
Yxy	10.5785, 0.2545, 0.2259
Android (android.graphics.Color)	4284110471 (0xFF5A5687)
YUV	92.7820, 20.8135, -2.4398
Hunter-Lab	32.5246, 8.4864, -21.5944

Details

The XYZ color **11.9174, 10.5785, 24.3354** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.7040, 22.8253, 12.1717**, and the grayscale version is **10.3093, 10.8462, 11.8115**.

A 20% lighter version of the original color is **29.1448, 27.0332, 51.8260**, and **3.3471, 2.7132, 8.9416** is the 20% darker color. If you saturate the color by 10%, you get **9.8327, 8.0522, 23.9578**, and if you desaturate by 10%, it is **14.4077, 13.6166, 24.7907**.

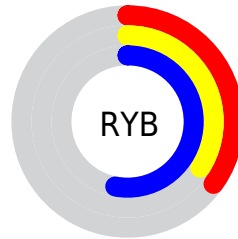
Distribution



Red (35%)

Green (34%)

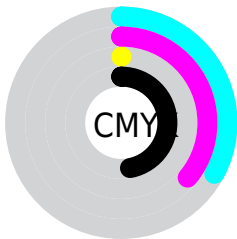
Blue (53%)



Red (35%)

Yellow (34%)

Blue (53%)

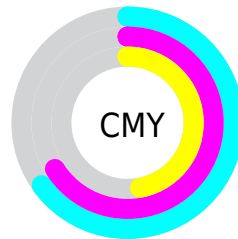


Cyan (33%)

Magenta (36%)

Yellow (0%)

Black (47%)



Cyan (65%)

Magenta (66%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9174, 10.5785, 24.3354 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 11.9174, 10.5785, 24.3354 by changing the saturation by 10% instead.

■ 11.9174, 10.5785,
24.3354

■ 11.9174, 10.5785,
24.3354

197.6388,
194.7525, 287.8528

■ 6.7593, 5.7842,
15.3681

■ 28.9627, 26.8781,
51.5276

■ 3.3570, 2.7143,
8.9287

■ 41.5806, 39.1521,
70.5897

■ 1.3452, 0.9845,
4.5985

■ 57.4159, 54.6881,
93.8537

■ 0.2167, 0.0000,
1.9591

■ 76.8337, 73.8706,
121.7383

■ 0.0000, 0.0000,
0.5299

■ 100.1996, 97.0839,
154.6619

■ 0.0000, 0.0000,
0.0000

127.8788,

124.7124, 193.0432

160.2368,
157.1404, 237.3006

■ 11.9174, 10.5785,
24.3354

■ 11.9174, 10.5785,
24.3354

■ 9.8327, 8.0522,
23.9578

■ 14.4077, 13.6166,
24.7907

■ 8.1309, 6.0083,
23.6530

■ 17.3222, 17.1911,
25.3271

■ 6.7890, 4.4163,
23.4165

■ 20.6800, 21.3268,
25.9484

■ 5.7809, 3.2418,
23.2429

■ 24.4985, 26.0463,
26.6581

■ 5.0770, 2.4454,
23.1263

■ 28.7941, 31.3710,
27.4595

■ 4.6347, 1.9647,
23.0568

■ 33.5827, 37.3215,
28.3556

■ 4.5115, 1.8206,
23.0355

■ 38.8791, 43.9171,
29.3496

■ 44.6978, 51.1764,
30.4441

■ 51.0525, 59.1172,
31.6419

Harmonies

Analogous

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



9.8702, 10.5785, 26.3773



11.9174, 10.5785, 24.3354



13.6441, 10.5785, 18.5598

Triad

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



11.9174, 10.5785, 24.3354



12.2809, 10.5785, 4.5215



6.6841, 10.5785, 10.9950

Complementary

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



11.9174, 10.5785, 24.3354



19.7040, 22.8253, 12.1717

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.



7.1572, 10.5785, 6.5298



11.9174, 10.5785, 24.3354



10.2412, 10.5785, 3.6521

Square

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



11.9174, 10.5785, 24.3354



13.8727, 10.5785, 7.1806



8.3967, 10.5785, 4.2426



7.0103, 10.5785, 17.3235

Rectangle

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



11.9174, 10.5785, 24.3354



14.2869, 10.5785, 14.1253



8.3967, 10.5785, 4.2426



6.7533, 10.5785, 9.2534

Sweetspot

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



11.9178, 10.5789, 24.3356



33.9553, 34.3968, 45.8980



16.4264, 20.1583, 25.9470



7.7039, 7.7692, 10.5999



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



11.9178, 10.5789, 24.3356



18.0575, 14.9622, 42.9846



14.6104, 11.9670, 24.4617



4.4671, 4.5614, 5.8457



4.1656, 1.6816, 21.2417



0.0166, 0.0069, 0.0737

Inverse Universe

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



17.4164, 13.4455, 23.1502



29.5315, 20.9478, 40.3337



16.4355, 21.1404, 12.0187



4.8419, 4.7565, 5.7799



12.5694, 6.0921, 18.1029



0.0447, 0.0216, 0.0691

Previews

White Background



This preview shows how the XYZ color 11.9174, 10.5785, 24.3354 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



This preview shows how the XYZ color 11.9174, 10.5785, 24.3354 looks on a 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 11.9174, 10.5785, 24.3354

Background



This preview shows how black text looks on a background with the XYZ color 11.9174, 10.5785, 24.3354.

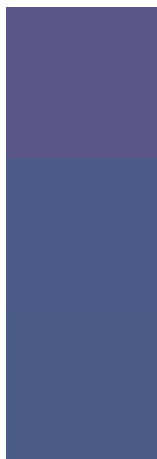


This preview shows how white text looks on a background with the XYZ color 11.9174, 10.5785,

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

11.9174, 10.5785, 24.3354

Protanopia

11.1453, 10.6432, 25.5117

Deuteranopia

10.8682, 10.6592, 24.0389



Tritanopia

9.7819, 10.5878, 13.5847

Trichromacy



Original Color

11.9174, 10.5785, 24.3354

Protanomaly

11.3960, 10.6564, 25.1232

Deuteranomaly

11.1837, 10.5715, 24.0053

Tritanomaly

10.4746, 10.4830, 17.0941

Monochromacy



Original Color

11.9174, 10.5785, 24.3354

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.7766, 10.6703, 15.6790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9174, 10.5785, 24.3354 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(90, 86, 135) looks like.

```
.text, #text, p{  
    color:rgb(90, 86, 135)  
}
```

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(90, 86, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 86, 135) }
```

Border

The CSS property to change the border of an element to XYZ 11.9174, 10.5785, 24.3354 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(90, 86, 135) }
```


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

```
.border{ border-color:rgb(90, 86, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 86, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 86, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 86, 135);  
box-shadow:4px 4px 4px 4px rgb(90, 86,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9174, 10.5785, 24.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 86, 135) }
```

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

```
.background{ background-color: rgb(90, 86,  
135) }
```

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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