

Converting Colors

XYZ(11.5440, 10.9270, 21.1871)

Have a look what the booklet for
XYZ(11.5440, 10.9270, 21.1871)
contains.

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Color

**XYZ(11.5419, 10.9425,
21.2425)**

Conversions

Conversions Part 1

Format	Color
Hex	595A7E
RGB	89, 90, 126
RGB Percent	35%, 35%, 49%
CMY	0.6510, 0.6471, 0.5059
CMYK	0.29, 0.29, 0.00, 0.51
HSL	238°, 17%, 42%
HSV	238°, 29%, 49%
XYZ	11.5419, 10.9425, 21.2425
YIQ	93.8050, -12.1520, 10.9840

Conversions

Conversions Part 2

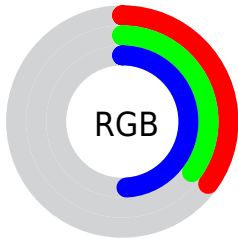
Format	Color
R_{YB}	89, 90, 126
Decimal	5855870
CIE _{Lab}	39.48, 8.45, -20.34
CIE _{LCh}	39, 22.020, 292.556
Yxy	10.9425, 0.2640, 0.2502
Android (android.graphics.Color)	4284045950 (0xFF595A7E)
YUV	93.8050, 15.8721, -4.2140
Hunter-Lab	33.0794, 4.3922, -14.9184

Details

The XYZ color **11.5419, 10.9425, 21.2425** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **17.7413, 19.8245, 12.3431**, and the grayscale version is **10.5594, 11.1093, 12.0980**.

A 20% lighter version of the original color is **28.3300, 27.5863, 46.4794**, and **3.2328, 2.9048, 7.4115** is the 20% darker color. If you saturate the color by 10%, you get **9.4846, 8.4716, 20.8742**, and if you desaturate by 10%, it is **13.9775, 13.8622, 21.6779**.

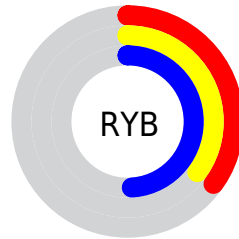
Distribution



Red (35%)

Green (35%)

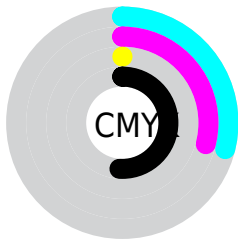
Blue (49%)



Red (35%)

Yellow (35%)

Blue (49%)

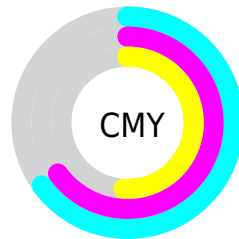


Cyan (29%)

Magenta (29%)

Yellow (0%)

Black (51%)



Cyan (65%)

Magenta (65%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5419, 10.9425, 21.2425 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 11.5419, 10.9425, 21.2425 by changing the saturation by 10% instead.

■ 11.5419, 10.9425,
21.2425

■ 11.5419, 10.9425,
21.2425

195.1810,
197.2726, 271.3877

■ 6.5025, 6.0282,
13.1084

■ 28.2821, 27.5538,
46.3768

■ 3.1965, 2.8622,
7.3716

■ 40.7137, 40.0196,
64.2141

■ 1.2585, 1.0602,
3.6136

■ 56.3401, 55.7713,
86.1228

■ 0.1518, 0.0000,
1.4159

■ 75.5265, 75.1933,
112.5216

■ 0.0000, 0.0000,
0.1541

■ 98.6385, 98.6701,
143.8289

■ 0.0000, 0.0000,
0.0000

126.0414,

126.5859, 180.4634

158.1004,
159.3253, 222.8435

■ 11.5419, 10.9425,
21.2425

■ 11.5419, 10.9425,
21.2425

■ 9.4846, 8.4716,
20.8742

■ 13.9775, 13.8622,
21.6779

■ 7.7855, 6.4259,
20.5689

■ 16.8080, 17.2499,
22.1826

■ 6.4247, 4.7820,
20.3233

■ 20.0500, 21.1254,
22.7598

■ 5.3793, 3.5133,
20.1335

■ 23.7192, 25.5070,
23.4121

■ 4.6241, 2.5903,
19.9952

■ 27.8302, 30.4119,
24.1422

■ 4.1298, 1.9789,
19.9032

■ 32.3972, 35.8567,
24.9524

■ 3.8214, 1.6024,
19.8468

■ 37.4335, 41.8572,
25.8452

■ 3.8029, 1.5803,
19.8435

■ 42.9520, 48.4283,
26.8227

■ 48.9650, 55.5848,
27.8871

Harmonies

Analogous

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



10.0327, 10.9425, 22.0767



11.5419, 10.9425, 21.2425



12.8522, 10.9425, 17.6495

Triad

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



11.5419, 10.9425, 21.2425



12.2468, 10.9425, 6.5033



7.8040, 10.9425, 10.8801

Complementary

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



11.5419, 10.9425, 21.2425



17.7413, 19.8245, 12.3431

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.



8.2823, 10.9425, 7.5796



11.5419, 10.9425, 21.2425



10.7772, 10.9425, 5.4766

Square

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



11.5419, 10.9425, 21.2425



13.2856, 10.9425, 9.0289



9.3370, 10.9425, 5.8170



7.9666, 10.9425, 15.3574

Rectangle

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



11.5419, 10.9425, 21.2425



13.3891, 10.9425, 14.5550



9.3370, 10.9425, 5.8170



7.8935, 10.9425, 9.6144

Sweetspot

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



11.5423, 10.9429, 21.2428



29.6674, 30.4613, 39.0603



15.2678, 18.5206, 22.0944



6.6008, 6.7525, 8.8585



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



11.5423, 10.9429, 21.2428



17.9051, 16.3664, 36.9597



13.3143, 11.7321, 21.3017



4.1174, 4.2289, 5.4125



3.9008, 1.6202, 20.3571



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.0224, 12.3190, 11.3120



22.9943, 19.2069, 16.5778



15.5383, 18.8776, 12.2764



4.3321, 4.3460, 4.5534



8.8459, 4.5581, 0.5125



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.5419, 10.9425, 21.2425 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 11.5419, 10.9425, 21.2425 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 11.5419, 10.9425, 21.2425

Background



This preview shows how black text looks on a background with the XYZ color 11.5419, 10.9425, 21.2425.



This preview shows how white text looks on a background with the XYZ color 11.5419, 10.9425,

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

11.5419, 10.9425, 21.2425

Protanopia

11.1376, 10.9804, 21.6111

Deuteranopia

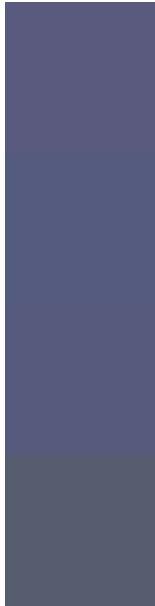
11.2492, 11.0455, 21.2778



Tritanopia

10.1466, 11.0285, 14.1643

Trichromacy



Original Color

11.5419, 10.9425, 21.2425

Protanomaly

11.3182, 10.9458, 21.5949

Deuteranomaly

11.3447, 10.9670, 21.2576

Tritanomaly

10.6213, 10.9548, 16.5936

Monochromacy



Original Color

11.5419, 10.9425, 21.2425

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.9295, 11.1446, 15.2107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5419, 10.9425, 21.2425 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, 90, 126) looks like.

```
.text, #text, p{  
    color:rgb(89, 90, 126)  
}
```

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, 90, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 90, 126) }
```

Border

The CSS property to change the border of an element to XYZ 11.5419, 10.9425, 21.2425 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, 90, 126) }
```


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

```
.border{ border-color:rgb(89, 90, 126) }
```

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

Here you see how a box with a 4 pixel rgb(89, 90, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 90, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 90, 126);  
box-shadow:4px 4px 4px 4px rgb(89, 90,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5419, 10.9425, 21.2425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 90, 126) }
```

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

```
.background{ background-color: rgb(89, 90,  
126) }
```

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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