

Converting Colors

XYZ(19.2077, 15.6087, 43.5954)

Have a look what the booklet for
XYZ(19.2077, 15.6087, 43.5954)
contains.

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Color

**XYZ(19.2077, 15.6087,
43.5954)**

Conversions

Conversions Part 1

Format	Color
Hex	7163B1
RGB	113, 99, 177
RGB Percent	44%, 39%, 69%
CMY	0.5569, 0.6118, 0.3059
CMYK	0.36, 0.44, 0.00, 0.31
HSL	251°, 33%, 54%
HSV	251°, 44%, 69%
XYZ	19.2077, 15.6087, 43.5954
YIQ	112.0780, -16.6940, 27.2260

Conversions

Conversions Part 2

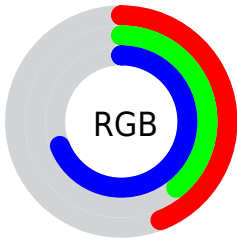
Format	Color
R_{YB}	113, 99, 177
Decimal	7431089
CIE _{Lab}	46.46, 24.20, -39.72
CIE _{LCh}	46, 46.518, 301.354
Yxy	15.6087, 0.2450, 0.1991
Android (android.graphics.Color)	4285621169 (0xFF7163B1)
YUV	112.0780, 32.0065, 0.8086
Hunter-Lab	39.5078, 17.6434, -37.7688

Details

The XYZ color **19.2077, 15.6087, 43.5954** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **33.0786, 40.1319, 17.8076**, and the grayscale version is **15.3370, 16.1358, 17.5718**.

A 20% lighter version of the original color is **41.5507, 35.9114, 81.8324**, and **6.7906, 4.9033, 19.6573** is the 20% darker color. If you saturate the color by 10%, you get **15.9897, 11.7276, 43.0162**, and if you desaturate by 10%, it is **23.0934, 20.3801, 44.3119**.

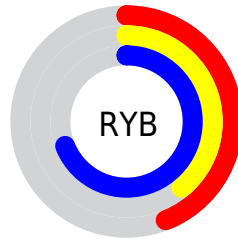
Distribution



Red (44%)

Green (39%)

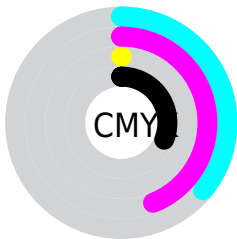
Blue (69%)



Red (44%)

Yellow (39%)

Blue (69%)

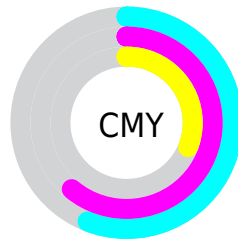


Cyan (36%)

Magenta (44%)

Yellow (0%)

Black (31%)



Cyan (56%)

Magenta (61%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2077, 15.6087, 43.5954 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 19.2077, 15.6087, 43.5954 by changing the saturation by 10% instead.

■ 19.2077, 15.6087,
43.5954

■ 19.2077, 15.6087,
43.5954

240.5092,
227.0215, 377.0476

■ 11.9253, 9.2477,
30.0177

■ 41.5989, 35.9175,
81.9045

■ 6.7647, 4.9031,
19.5999

■ 57.4385, 50.6342,
107.4731

■ 3.3604, 2.1905,
11.9233

■ 76.8612, 68.9048,
137.8756

■ 1.3471, 0.7148,
6.5696

■ 100.2324, 91.1138,
173.5307

■ 0.2181, 0.0000,
3.1201

127.9175,
117.6456, 214.8569

■ 0.0000, 0.0000,
1.1563

160.2817,

■ 0.0000, 0.0000,

148.8845, 262.2728

0.0000

197.6905,
185.2150, 316.1968

■ 19.2077, 15.6087,
43.5954

■ 19.2077, 15.6087,
43.5954

■ 15.9897, 11.7276,
43.0162

■ 23.0934, 20.3801,
44.3119

■ 13.3992, 8.6792,
42.5643

■ 27.6803, 26.0909,
45.1724

■ 11.3942, 6.4018,
42.2304

■ 33.0018, 32.7890,
46.1848

■ 9.9266, 4.8242,
42.0032

■ 39.0886, 40.5182,
47.3559

■ 8.9402, 3.8614,
41.8694

■ 45.9697, 49.3196,
48.6920

■ 8.5245, 3.4778,
41.8173

■ 53.6724, 59.2324,
50.1994

■ 62.2228, 70.2935,
51.8838

■ 71.6459, 82.5383,
53.7506

■ 80.9030, 93.8753,
55.4510

Harmonies

Analogous

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



15.0181, 15.6087, 49.8919



19.2077, 15.6087, 43.5954



22.6599, 15.6087, 29.8914

Triad

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



19.2077, 15.6087, 43.5954



18.8362, 15.6087, 4.0680



8.3989, 15.6087, 17.5210

Complementary

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



19.2077, 15.6087, 43.5954



33.0786, 40.1319, 17.8076

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.



9.0582, 15.6087, 8.4722



19.2077, 15.6087, 43.5954



14.6546, 15.6087, 3.1167

Square

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



19.2077, 15.6087, 43.5954



22.4197, 15.6087, 7.9180



11.1830, 15.6087, 4.2719



9.1896, 15.6087, 31.2242

Rectangle

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



19.2077, 15.6087, 43.5954



23.8114, 15.6087, 20.5258



11.1830, 15.6087, 4.2719



8.4574, 15.6087, 13.8946

Sweetspot

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



19.2083, 15.6093, 43.5958



59.9721, 59.8207, 82.8810



26.3573, 32.3783, 46.4557



12.5195, 12.3606, 17.8703



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



19.2083, 15.6093, 43.5958



28.7209, 21.1038, 77.0550



25.1606, 18.6778, 43.8743



8.1795, 8.3011, 10.6775



6.2141, 2.5393, 30.2996



0.2382, 0.1019, 0.9554

Inverse Universe

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



29.2044, 20.9155, 37.1480



49.1653, 31.9747, 63.0398



26.4321, 36.7055, 17.4966



8.7833, 8.6200, 10.3571



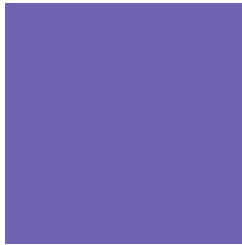
16.8729, 8.2667, 20.2884



0.5480, 0.2669, 0.7284

Previews

White Background



This preview shows how the XYZ color 19.2077, 15.6087, 43.5954 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 19.2077, 15.6087, 43.5954 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 19.2077, 15.6087, 43.5954

Background



This preview shows how black text looks on a background with the XYZ color 19.2077, 15.6087, 43.5954.



This preview shows how white text looks on a background with the XYZ color 19.2077, 15.6087,

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

19.2077, 15.6087, 43.5954

Protanopia

17.2614, 15.8476, 48.0481

Deuteranopia

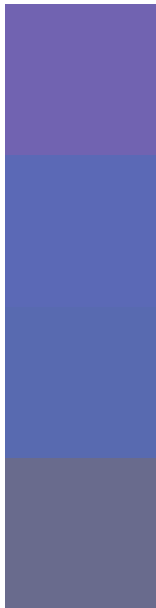
16.1378, 15.7029, 42.7378



Tritanopia

14.5009, 15.6781, 20.3511

Trichromacy



Original Color

19.2077, 15.6087, 43.5954

Protanomaly

17.8095, 15.7047, 46.3486

Deuteranomaly

17.0150, 15.5174, 43.1727

Tritanomaly

15.8911, 15.4417, 27.3423

Monochromacy



Original Color

19.2077, 15.6087, 43.5954

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.3837, 15.7377, 25.4667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2077, 15.6087, 43.5954 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(113, 99, 177)` looks like.

```
.text, #text, p{  
    color:rgb(113, 99, 177)  
}
```

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(113, 99, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 99, 177) }
```

Border

The CSS property to change the border of an element to XYZ 19.2077, 15.6087, 43.5954 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(113, 99, 177) }
```


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

```
.border{ border-color:rgb(113, 99, 177) }
```

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

Here you see how a box with a 4 pixel rgb(113, 99, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 99, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 99, 177);  
box-shadow:4px 4px 4px 4px rgb(113, 99,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2077, 15.6087, 43.5954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 99, 177) }
```

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

```
.background{ background-color: rgb(113, 99,  
177) }
```

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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