

Converting Colors

XYZ(20.0419, 11.0797, 30.3604)

Have a look what the booklet for
XYZ(20.0419, 11.0797, 30.3604)
contains.

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Color

**XYZ(20.0419, 11.0797,
30.3604)**

Conversions

Conversions Part 1

Format	Color
Hex	9B2D97
RGB	155, 45, 151
RGB Percent	61%, 18%, 59%
CMY	0.3922, 0.8235, 0.4078
CMYK	0.00, 0.71, 0.03, 0.39
HSL	302°, 55%, 39%
HSV	302°, 71%, 61%
XYZ	20.0419, 11.0797, 30.3604
YIQ	89.9740, 31.5340, 56.2860

Conversions

Conversions Part 2

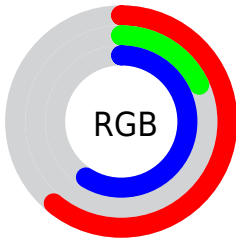
Format	Color
R_{YB}	155, 45, 151
Decimal	10169751
CIE _{Lab}	39.71, 57.45, -34.60
CIE _{LCh}	40, 67.069, 328.942
Yxy	11.0797, 0.3260, 0.1802
Android (android.graphics.Color)	4288359831 (0xFF9B2D97)
YUV	89.9740, 30.0858, 57.0278
Hunter-Lab	33.2862, 49.2256, -30.7782

Details

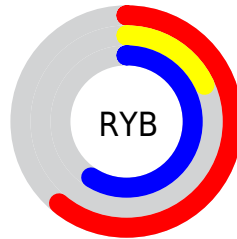
The XYZ color **20.0419, 11.0797, 30.3604** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **13.3585, 24.2229, 6.8778**, and the grayscale version is **9.6428, 10.1449, 11.0478**.

A 20% lighter version of the original color is **42.9456, 27.7606, 61.4874**, and **7.5077, 3.6102, 12.1055** is the 20% darker color. If you saturate the color by 10%, you get **19.5099, 10.0885, 29.9578**, and if you desaturate by 10%, it is **20.7921, 12.5063, 30.8370**.

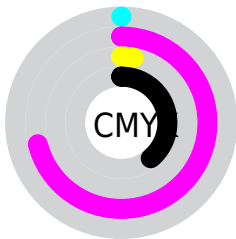
Distribution



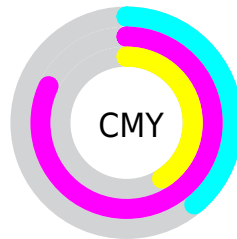
- Red (61%)
- Green (18%)
- Blue (59%)



- Red (61%)
- Yellow (18%)
- Blue (59%)



- Cyan (0%)
- Magenta (71%)
- Yellow (3%)
- Black (39%)



- Cyan (39%)
- Magenta (82%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0419, 11.0797, 30.3604 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 20.0419, 11.0797, 30.3604 by changing the saturation by 10% instead.

20.0419, 11.0797,
30.3604

20.0419, 11.0797,
30.3604

244.9711,
198.2135, 317.8402

12.5339, 6.1205,
19.8579

42.9908, 27.8075,
61.2994

7.1832, 2.9185,
12.1088

59.1625, 40.3448,
82.5730

3.6243, 1.0893,
6.6944

78.9528, 56.1769,
108.2741

1.4919, 0.0000,
3.1962

102.7271, 75.6882,
138.8211

0.3203, 0.0000,
1.1957

130.8507, 99.2632,
174.6327

0.0000, 0.0000,
0.0000

163.6890,

127.2861, 216.1274

201.6074,
160.1414, 263.7237

■ 20.0419, 11.0797,
30.3604

■ 20.0419, 11.0797,
30.3604

■ 19.5099, 10.0885,
29.9578

■ 20.7921, 12.5063,
30.8370

■ 19.1697, 9.4808,
29.6201

■ 21.7806, 14.4095,
31.3940

■ 18.9717, 9.1502,
29.3523

■ 23.0266, 16.8273,
32.0380

■ 24.5470, 19.7936,
32.7745

■ 26.3573, 23.3393,
33.6087

■ 28.4718, 27.4932,
34.5455

■ 30.9039, 32.2819,
35.5891

■ 33.6663, 37.7306,
36.7440

■ 36.7707, 43.8631,
38.0139

Harmonies

Analogous

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



15.4038, 11.0797, 50.4409



20.0419, 11.0797, 30.3604



22.0454, 11.0797, 12.5366

Triad

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



20.0419, 11.0797, 30.3604



10.6947, 11.0797, 0.0989



4.5429, 11.0797, 28.8893

Complementary

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



20.0419, 11.0797, 30.3604



13.3585, 24.2229, 6.8778

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.



3.9432, 11.0797, 11.6032



20.0419, 11.0797, 30.3604



6.8122, 11.0797, 0.6837

Square

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



20.0419, 11.0797, 30.3604



15.7703, 11.0797, 0.7703



4.6366, 11.0797, 3.1593



6.6033, 11.0797, 49.2393

Rectangle

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



20.0419, 11.0797, 30.3604



21.2751, 11.0797, 5.5799



4.6366, 11.0797, 3.1593



4.1958, 11.0797, 22.2660

Sweetspot

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



20.0423, 11.0802, 30.3606



47.0467, 41.4923, 60.1184



8.1059, 4.8886, 31.5272



10.4510, 9.0038, 13.5176



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



20.0423, 11.0802, 30.3606



34.5538, 17.3697, 53.2928



16.5832, 9.6966, 12.1453



6.4515, 6.3198, 7.7578



15.2410, 7.3507, 23.5921



0.2304, 0.1109, 0.3663

Inverse Universe

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



20.0423, 11.0802, 30.3606



34.5538, 17.3697, 53.2928



15.2859, 24.9939, 17.0276



6.4515, 6.3198, 7.7578



15.2410, 7.3507, 23.5921



0.2304, 0.1109, 0.3663

Previews

White Background



This preview shows how the XYZ color 20.0419, 11.0797, 30.3604 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



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 20.0419, 11.0797, 30.3604

Background



This preview shows how black text looks on a background with the XYZ color 20.0419, 11.0797, 30.3604.



This preview shows how white text looks on a background with the XYZ color 20.0419, 11.0797,

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

20.0419, 11.0797, 30.3604

Protanopia

13.5538, 11.4159, 52.5281

Deuteranopia

11.5592, 11.3282, 27.5639



Tritanopia

15.4928, 11.0914, 7.9809

Trichromacy



Original Color

20.0419, 11.0797, 30.3604



Protanomaly

12.3481, 9.0726, 43.2198



Deuteranomaly

13.2522, 10.0690, 28.4392



Tritanomaly

16.6946, 10.8008, 14.0368

Monochromacy



Original Color

20.0419, 11.0797, 30.3604



Achromatopsia

9.7181, 10.2242, 11.1341



Achromatomaly

12.3128, 9.6448, 16.5419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0419, 11.0797, 30.3604 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(155, 45, 151)` looks like.

```
.text, #text, p{  
    color:rgb(155, 45, 151)  
}
```

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(155, 45, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 45, 151) }
```

Border

The CSS property to change the border of an element to XYZ 20.0419, 11.0797, 30.3604 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(155, 45, 151) }
```


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

```
.border{ border-color:rgb(155, 45, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 45, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 45, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 45, 151);  
box-shadow:4px 4px 4px 4px rgb(155, 45,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0419, 11.0797, 30.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 45, 151) }
```

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

```
.background{ background-color: rgb(155, 45,  
151) }
```

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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