

Converting Colors

XYZ(16.0286, 8.1012, 8.0624)

Have a look what the booklet for
XYZ(16.0286, 8.1012, 8.0624)
contains.

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Color

**XYZ(16.1092, 8.1416,
8.1196)**

Conversions

Conversions Part 1

Format	Color
Hex	A1004F
RGB	161, 0, 79
RGB Percent	63%, 0%, 31%
CMY	0.3686, 0.9999, 0.6902
CMYK	0.00, 1.00, 0.51, 0.37
HSL	331°, 100%, 32%
HSV	331°, 100%, 63%
XYZ	16.1092, 8.1416, 8.1196
YIQ	57.1450, 70.5970, 58.7010

Conversions

Conversions Part 2

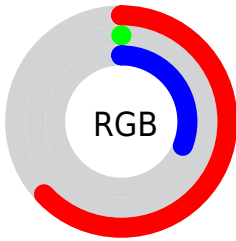
Format	Color
R_{YB}	161, 0, 79
Decimal	10551375
CIE _{Lab}	34.28, 60.00, 2.50
CIE _{LCh}	34, 60.049, 2.386
Yxy	8.1416, 0.4977, 0.2515
Android (android.graphics.Color)	4288741455 (0xFFFA1004F)
YUV	57.1450, 10.7745, 91.0808
Hunter-Lab	28.5335, 50.8424, 3.1017

Details

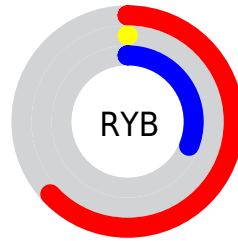
The XYZ color **16.1092, 8.1416, 8.1196** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **14.2690, 26.0993, 12.2732**, and the grayscale version is **3.8896, 4.0922, 4.4564**.

A 20% lighter version of the original color is **36.3690, 22.2384, 22.7977**, and **5.8969, 3.0049, 1.8593** is the 20% darker color. If you saturate the color by 10%, you get **16.1087, 8.1413, 8.1171**, and if you desaturate by 10%, it is **16.6135, 8.6427, 9.8526**.

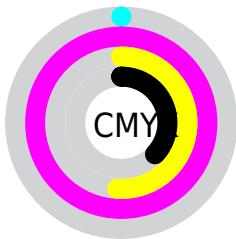
Distribution



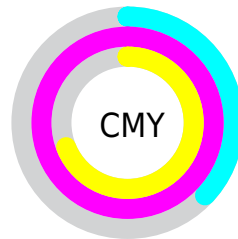
- Red (63%)
- Green (0%)
- Blue (31%)



- Red (63%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (51%)
- Black (37%)





- Cyan (37%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.1092, 8.1416, 8.1196 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 16.1092, 8.1416, 8.1196 by changing the saturation by 10% instead.


 16.1092, 8.1416,
8.1196

 16.1092, 8.1416,
8.1196


223.2430,
176.8385, 186.6366


 9.6928, 4.1857,
4.0827


 36.3436, 22.2356,
22.7426


 5.2564, 1.7780,
1.6708

 50.8923, 33.1424,
34.1658


 2.4348, 0.4734,
0.3406

 68.8825, 47.1350,
48.8882

 0.8625, 0.0000,
0.0000


 90.6795, 64.5978,
67.3283


 0.0000, 0.0000,
0.0000


 116.6487, 85.9152,
89.9046


 147.1554,


111.4714, 117.0357

 182.5651,
141.6511, 149.1402


 16.1092, 8.1416,
8.1196


 16.1092, 8.1416,
8.1196


 16.1087, 8.1413,
8.1171

 16.6135, 8.6427,
9.8526

 17.3044, 9.4558,
11.8358

 18.2468, 10.7091,
14.0968

 19.4691, 12.4575,
16.6508

 20.9957, 14.7478,
19.5114

■ 22.8479, 17.6213,
22.6908

■ 25.0454, 21.1152,
26.2008

■ 27.6059, 25.2638,
30.0521

■ 30.5460, 30.0986,
34.2550

Harmonies

Analogous

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



14.9525, 8.1416, 20.4393



16.1092, 8.1416, 8.1196



14.5408, 8.1416, 2.2055

Triad

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



16.1092, 8.1416, 8.1196



4.7789, 8.1416, 0.5864



5.1233, 8.1416, 37.2603

Complementary

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



16.1092, 8.1416, 8.1196



14.2690, 26.0993, 12.2732

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.



3.4781, 8.1416, 22.8471



16.1092, 8.1416, 8.1196



3.3233, 8.1416, 2.7740

Square

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



16.1092, 8.1416, 8.1196



7.4736, 8.1416, 0.0000



2.9263, 8.1416, 9.6543



8.0093, 8.1416, 42.9515

Rectangle

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



16.1092, 8.1416, 8.1196



12.3659, 8.1416, 0.8061



2.9263, 8.1416, 9.6543



4.4388, 8.1416, 32.9318

Sweetspot

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



16.1094, 8.1421, 8.1197



44.6092, 37.4221, 46.5432



9.7850, 4.3016, 34.0326



9.4296, 7.6418, 9.6512



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



16.1094, 8.1421, 8.1197



28.7502, 14.5409, 14.0146



14.6983, 7.5776, 0.6887



7.2118, 7.1412, 8.1018



12.8861, 6.5105, 6.5909



0.2946, 0.1463, 0.2642

Inverse Universe

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



16.1094, 8.1421, 8.1197



28.7502, 14.5409, 14.0146



19.1781, 28.0629, 38.1239



7.2118, 7.1412, 8.1018



12.8861, 6.5105, 6.5909



0.2946, 0.1463, 0.2642

Previews

White Background



This preview shows how the XYZ color 16.1092, 8.1416, 8.1196 looks on a white background.

Color Contrast Check

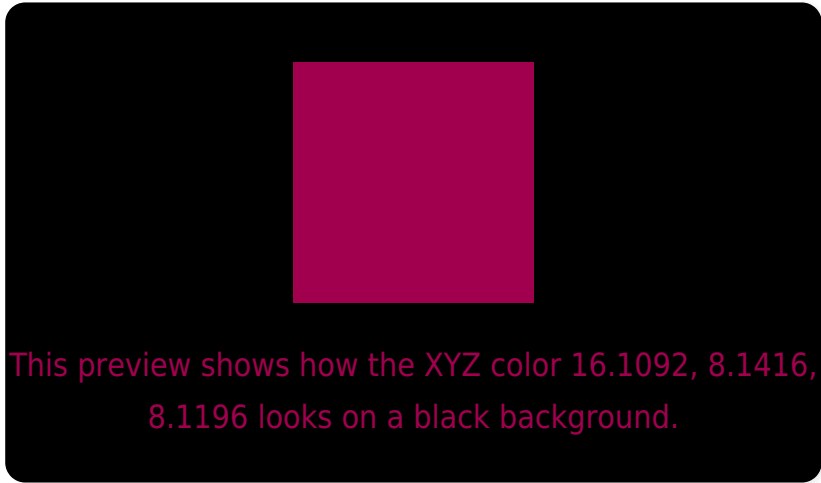
Large Text (above 18pt) WCAG AA ✓ Pass

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

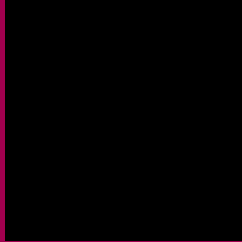
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.1092, 8.1416, 8.1196

Background



This preview shows how black text looks on a background with the XYZ color 16.1092, 8.1416, 8.1196.



This preview shows how white text looks on a background with the XYZ color 16.1092, 8.1416,

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

16.1092, 8.1416, 8.1196

Protanopia

8.9546, 8.8573, 17.1573

Deuteranopia

8.9360, 8.8395, 7.3661



Tritanopia

15.0354, 8.4498, 2.1349

Trichromacy



Original Color

16.1092, 8.1416, 8.1196

Protanomaly

9.5659, 6.5500, 13.0720

Deuteranomaly

10.2437, 6.9571, 7.4596

Tritanomaly

15.2809, 8.1873, 3.5712

Monochromacy



Original Color

16.1092, 8.1416, 8.1196

Achromatopsia

3.8890, 4.0915, 4.4557

Achromatomaly

6.3043, 4.0763, 5.4556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1092, 8.1416, 8.1196 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(161, 0, 79)` looks like.

```
.text, #text, p{  
    color:rgb(161, 0, 79)  
}
```

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(161, 0, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 0, 79) }
```

Border

The CSS property to change the border of an element to XYZ 16.1092, 8.1416, 8.1196 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(161, 0, 79) }
```


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

```
.border{ border-color:rgb(161, 0, 79) }
```

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

Here you see how a box with a 4 pixel rgb(161, 0, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 0, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 0, 79);  
box-shadow:4px 4px 4px 4px rgb(161, 0, 79)  
}
```

Background

The CSS property to change the background color of an element to XYZ 16.1092, 8.1416, 8.1196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 0, 79) }
```

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

```
.background{ background-color: rgb(161, 0,  
79) }
```

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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