

Converting Colors

XYZ(41.1563, 21.0126, 11.1522)

Have a look what the booklet for
XYZ(41.1563, 21.0126, 11.1522)
contains.

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Color

**XYZ(41.1858, 21.0286,
11.1207)**

Conversions

Conversions Part 1

Format	Color
Hex	FA0058
RGB	250, 0, 88
RGB Percent	98%, 0%, 35%
CMY	0.0196, 0.9997, 0.6549
CMYK	0.00, 1.00, 0.65, 0.02
HSL	339°, 100%, 49%
HSV	339°, 100%, 98%
XYZ	41.1858, 21.0286, 11.1207
YIQ	84.7820, 120.7520, 80.3680

Conversions

Conversions Part 2

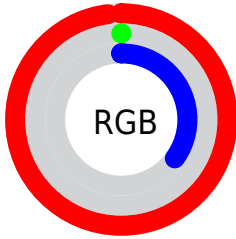
Format	Color
R_{YB}	250, 0, 88
Decimal	16384088
CIE _{Lab}	52.98, 81.03, 25.44
CIE _{LCh}	53, 84.931, 17.433
Yxy	21.0286, 0.5616, 0.2867
Android (android.graphics.Color)	4294574168 (0xFFFA0058)
YUV	84.7820, 1.5865, 144.8962
Hunter-Lab	45.8570, 80.0677, 17.7215

Details

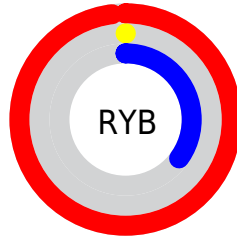
The XYZ color **41.1858, 21.0286, 11.1207** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated red. A complement of this color would be **40.7137, 70.9822, 45.7684**, and the grayscale version is **8.5759, 9.0225, 9.8255**.

A 20% lighter version of the original color is **50.0301, 31.6155, 27.1324**, and **20.4622, 10.4961, 3.3304** is the 20% darker color. If you saturate the color by 10%, you get **41.1838, 21.0277, 11.1113**, and if you desaturate by 10%, it is **42.2823, 22.0256, 15.1741**.

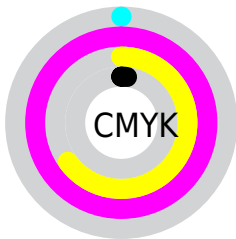
Distribution



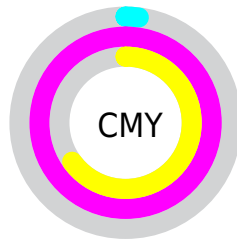
- Red (98%)
- Green (0%)
- Blue (35%)



- Red (98%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (65%)
- Black (2%)





- Cyan (2%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1858, 21.0286, 11.1207 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 41.1858, 21.0286, 11.1207 by changing the saturation by 10% instead.


 41.1858, 21.0286,
11.1207


 41.1858, 21.0286,
11.1207

342.1459,
257.4304, 209.2608


 28.6526, 13.1449,
6.0329


 76.2388, 45.1351,
28.5232

 18.9611, 7.5284,
2.7960


 99.4893, 62.1268,
41.6750


 11.7460, 3.7947,
0.9914


 127.0430, 82.9231,
58.3518

 6.6420, 1.5594,
0.0000

 159.2651,
107.9087, 78.9722

 3.2835, 0.3300,
0.0000

 196.5211,
137.4678, 103.9548

 1.3054, 0.0000,
0.0000

 239.1764,

 0.1873, 0.0000,

171.9849, 133.7181

0.0000

287.5962,
211.8443, 168.6806

■ 0.0000, 0.0000,
0.0000

■ 41.1858, 21.0286,
11.1207

■ 41.1858, 21.0286,
11.1207

■ 41.1838, 21.0277,
11.1113

■ 42.2823, 22.0256,
15.1741

■ 43.9826, 23.9768,
20.2095

■ 46.4324, 27.1602,
26.3168

■ 49.7224, 31.7449,
33.5646

■ 53.9296, 37.8734,
42.0146

■ 59.1219, 45.6702,
51.7232

■ 65.3603, 55.2471,
62.7428

■ 72.7009, 66.7061,
75.1228

■ 81.1954, 80.1415,
88.9097

Harmonies

Analogous

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



41.7983, 21.0286, 35.3134



41.1858, 21.0286, 11.1207



33.9559, 21.0286, 2.4394

Triad

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



41.1858, 21.0286, 11.1207



9.8404, 21.0286, 3.1629



16.4873, 21.0286, 111.8974

Complementary

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



41.1858, 21.0286, 11.1207



40.7137, 70.9822, 45.7684

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.



10.4956, 21.0286, 81.3541



41.1858, 21.0286, 11.1207



7.4974, 21.0286, 13.7963

Square

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



41.1858, 21.0286, 11.1207



15.2823, 21.0286, 0.7212



7.6949, 21.0286, 40.9605



25.5700, 21.0286, 108.8217

Rectangle

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



41.1858, 21.0286, 11.1207



27.3068, 21.0286, 0.9031



7.6949, 21.0286, 40.9605



14.1083, 21.0286, 104.6288

Sweetspot

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



41.1863, 21.0299, 11.1210



68.3297, 57.7280, 65.5618



31.4269, 14.2090, 91.5282



14.0070, 11.4021, 12.9558



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



41.1863, 21.0299, 11.1210



43.0734, 21.9934, 11.5846



39.9793, 21.4336, 2.0319



17.4968, 17.3261, 19.2058



21.9068, 11.1785, 6.2178



2.0771, 1.0546, 0.8297

Inverse Universe

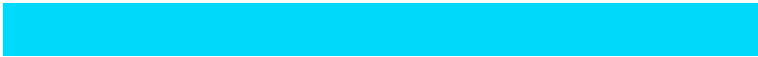
The Inverse Universe completely reimagines the original color for something new.



41.1863, 21.0299, 11.1210



43.0734, 21.9934, 11.5846



41.9852, 56.3609, 99.1078



17.4968, 17.3261, 19.2058



21.9068, 11.1785, 6.2178



2.0771, 1.0546, 0.8297

Previews

White Background



This preview shows how the XYZ color 41.1858, 21.0286, 11.1207 looks on a white 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

Black Background



This preview shows how the XYZ color 41.1858, 21.0286, 11.1207 looks on a black 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

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

XYZ 41.1858, 21.0286, 11.1207

Background



This preview shows how black text looks on a background with the XYZ color 41.1858, 21.0286, 11.1207.



This preview shows how white text looks on a background with the XYZ color 41.1858, 21.0286,

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

41.1858, 21.0286, 11.1207

Protanopia

20.7577, 21.5095, 23.8266

Deuteranopia

21.8167, 21.4235, 10.0065



Tritanopia

39.5731, 21.2628, 3.3849

Trichromacy



Original Color

41.1858, 21.0286, 11.1207



Protanomaly

23.4353, 16.0984, 17.7917



Deuteranomaly

25.4448, 16.9900, 9.7229



Tritanomaly

39.9737, 20.9615, 5.1879

Monochromacy



Original Color

41.1858, 21.0286, 11.1207



Achromatopsia

8.6345, 9.0842, 9.8927



Achromatomaly

14.6759, 9.3300, 9.8315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1858, 21.0286, 11.1207 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(250, 0, 88)` looks like.

```
.text, #text, p{  
    color:rgb(250, 0, 88)  
}
```

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(250, 0, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 88) }
```

Border

The CSS property to change the border of an element to XYZ 41.1858, 21.0286, 11.1207 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(250, 0, 88) }
```


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

```
.border{ border-color:rgb(250, 0, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 0, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 88);  
box-shadow:4px 4px 4px 4px rgb(250, 0, 88)  
}
```

Background

The CSS property to change the background color of an element to XYZ 41.1858, 21.0286, 11.1207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 0, 88) }
```

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

```
.background{ background-color: rgb(250, 0,  
88) }
```

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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