

Converting Colors

XYZ(36.0086, 18.5429, 2.5996)

Have a look what the booklet for
XYZ(36.0086, 18.5429, 2.5996)
contains.

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Color

**XYZ(36.1106, 18.5955,
2.6057)**

Conversions

Conversions Part 1

Format	Color
Hex	F00019
RGB	240, 0, 25
RGB Percent	94%, 0%, 10%
CMY	0.0588, 0.9997, 0.9020
CMYK	0.00, 1.00, 0.90, 0.06
HSL	354°, 100%, 47%
HSV	354°, 100%, 94%
XYZ	36.1106, 18.5955, 2.6057
YIQ	74.6100, 135.0150, 58.6550

Conversions

Conversions Part 2

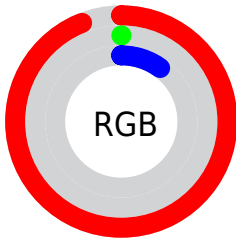
Format	Color
RYB	240, 0, 25
Decimal	15728665
CIELab	50.21, 76.74, 56.52
CIELCh	50, 95.311, 36.372
Yxy	18.5955, 0.6301, 0.3245
Android (android.graphics.Color)	4293918745 (0xFFFF0019)
YUV	74.6100, -24.4577, 145.0470
Hunter-Lab	43.1225, 74.0108, 26.6031

Details

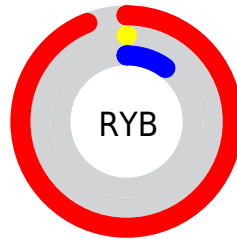
The XYZ color **36.1106, 18.5955, 2.6057** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark saturated red. A complement of this color would be **43.4348, 67.2296, 75.0215**, and the grayscale version is **6.6497, 6.9960, 7.6187**.

A 20% lighter version of the original color is **46.3569, 29.5697, 9.5676**, and **17.2336, 8.8842, 0.8065** is the 20% darker color. If you saturate the color by 10%, you get **36.1096, 18.5950, 2.6023**, and if you desaturate by 10%, it is **36.7660, 19.3823, 4.4407**.

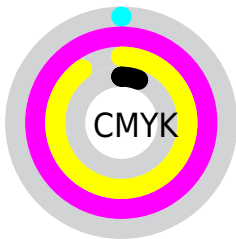
Distribution



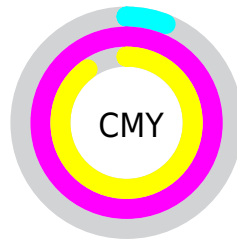
- Red (94%)
- Green (0%)
- Blue (10%)



- Red (94%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (90%)
- Black (6%)





- Cyan (6%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1106, 18.5955, 2.6057 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 36.1106, 18.5955, 2.6057 by changing the saturation by 10% instead.

 36.1106, 18.5955,
2.6057


 36.1106, 18.5955,
2.6057


320.8665,
244.2065, 131.1684


 24.6901, 11.3784,
0.8954


 68.5255, 41.0495,
10.6389

 15.9738, 6.3219,
0.0000


 90.2506, 57.0551,
17.8005


 9.5964, 3.0418,
0.0000


 116.1414, 76.7590,
27.6169

 5.1924, 1.1536,
0.0000

 146.5631,
100.5455, 40.5065

 2.3965, 0.0233,
0.0000

 181.8811,
128.7992, 56.8879

 0.8434, 0.0000,
0.0000


 222.4607,


 0.0000, 0.0000,


161.9043, 77.1796


0.0000


 268.6674,
200.2453, 101.8003


 36.1106, 18.5955,
2.6057


 36.1106, 18.5955,
2.6057


 36.1096, 18.5950,
2.6023

 36.7660, 19.3823,
4.4407

 38.0382, 21.0619,
7.5312

 40.0814, 23.8983,
12.0658

 42.9942, 28.0511,
18.1940

 46.8604, 33.6543,
26.0462

■ 51.7537, 40.8258,
35.7395

■ 57.7407, 49.6710,
47.3807

■ 64.8822, 60.2865,
61.0681

■ 73.2348, 72.7613,
76.8938

Harmonies

Analogous

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



41.7604, 18.5955, 15.1246



36.1106, 18.5955, 2.6057



25.7643, 18.5955, 0.0000

Triad

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



36.1106, 18.5955, 2.6057



5.9086, 18.5955, 5.9641



19.7134, 18.5955, 124.0368

Complementary

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



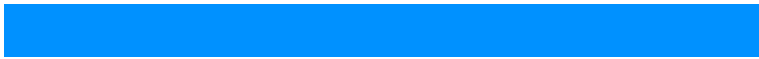
36.1106, 18.5955, 2.6057



43.4348, 67.2296, 75.0215

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.



11.4847, 18.5955, 111.3126



36.1106, 18.5955, 2.6057



5.2706, 18.5955, 26.4131

Square

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



36.1106, 18.5955, 2.6057



9.1157, 18.5955, 0.6870



6.9066, 18.5955, 67.6704



30.3928, 18.5955, 94.6855

Rectangle

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



36.1106, 18.5955, 2.6057



18.8190, 18.5955, 0.0000



6.9066, 18.5955, 67.6704



16.5773, 18.5955, 124.7466

Sweetspot

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



36.1110, 18.5967, 2.6059



66.1709, 56.8645, 54.1938



42.8821, 20.2907, 84.0936



13.5089, 11.2028, 10.3328



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.



36.1110, 18.5967, 2.6059



41.4321, 21.3368, 2.9415



39.7658, 26.1865, 2.9605



15.8395, 15.7855, 16.7113



19.7897, 10.1883, 1.5432



1.6684, 0.8564, 0.2448

Inverse Universe

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



36.1110, 18.5967, 2.6059



41.4321, 21.3368, 2.9415



26.3226, 27.4792, 86.3539



15.8395, 15.7855, 16.7113



19.7897, 10.1883, 1.5432



1.6684, 0.8564, 0.2448

Previews

White Background



This preview shows how the XYZ color 36.1106, 18.5955, 2.6057 looks on a white background.

Color Contrast Check

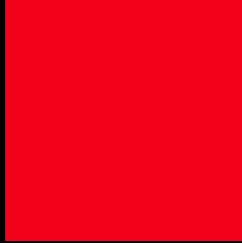
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.1106, 18.5955, 2.6057 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 36.1106, 18.5955, 2.6057

Background



This preview shows how black text looks on a background with the XYZ color 36.1106, 18.5955, 2.6057.



This preview shows how white text looks on a background with the XYZ color 36.1106, 18.5955,

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

36.1106, 18.5955, 2.6057

Protanopia

17.3222, 19.0229, 5.3436

Deuteranopia

19.2676, 19.0338, 2.6584

Trichromacy



Original Color

36.1106, 18.5955, 2.6057

Protanomaly

20.2373, 14.3319, 3.5334

Deuteranomaly

22.4394, 15.0991, 1.9902

Monochromacy



Original Color

36.1106, 18.5955, 2.6057

Achromatopsia

6.6877, 7.0360, 7.6622

Achromatomaly

11.7871, 7.5602, 4.7089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1106, 18.5955, 2.6057 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(240, 0, 25)` looks like.

```
.text, #text, p{  
    color:rgb(240, 0, 25)  
}
```

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(240, 0, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 0, 25) }
```

Border

The CSS property to change the border of an element to XYZ 36.1106, 18.5955, 2.6057 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(240, 0, 25) }
```

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

```
.border{ border-color:rgb(240, 0, 25) }
```

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

Here you see how a box with a 4 pixel rgb(240, 0, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 0, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 0, 25);  
box-shadow:4px 4px 4px 4px rgb(240, 0, 25)  
}
```


Background

The CSS property to change the background color of an element to XYZ 36.1106, 18.5955, 2.6057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 0, 25) }
```

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

```
.background{ background-color: rgb(240, 0,  
25) }
```

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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