

Converting Colors

XYZ(36.5963, 19.3055, 2.6119)

Have a look what the booklet for
XYZ(36.5963, 19.3055, 2.6119)
contains.

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Color

**XYZ(36.7367, 19.3754,
2.6142)**

Conversions

Conversions Part 1

Format	Color
Hex	F11717
RGB	241, 23, 23
RGB Percent	95%, 9%, 9%
CMY	0.0549, 0.9097, 0.9098
CMYK	0.00, 0.90, 0.90, 0.05
HSL	0°, 89%, 52%
HSV	0°, 90%, 95%
XYZ	36.7367, 19.3754, 2.6142
YIQ	88.1820, 129.9280, 46.2160

Conversions

Conversions Part 2

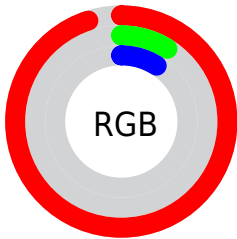
Format	Color
R_{YB}	241, 23, 23
Decimal	15800087
CIE Lab	51.12, 74.89, 58.03
CIE LCh	51, 94.743, 37.773
Yxy	19.3754, 0.6256, 0.3299
Android (android.graphics.Color)	4293990167 (0xFFFF11717)
YUV	88.1820, -32.1347, 134.0214
Hunter-Lab	44.0175, 71.9443, 27.2910

Details

The XYZ color **36.7367, 19.3754, 2.6142** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **47.6759, 69.4238, 94.1059**, and the grayscale version is **9.3675, 9.8554, 10.7325**.

A 20% lighter version of the original color is **46.8715, 30.6516, 9.5768**, and **17.6792, 9.1140, 0.8274** is the 20% darker color. If you saturate the color by 10%, you get **36.2758, 18.7014, 1.6978**, and if you desaturate by 10%, it is **37.8122, 20.9501, 4.7509**.

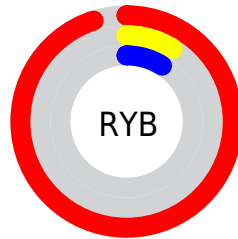
Distribution



Red (95%)

Green (9%)

Blue (9%)



Red (95%)

Yellow (9%)

Blue (9%)

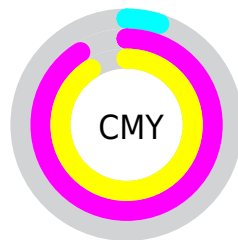


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (5%)



Cyan (5%)


Magenta (91%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7367, 19.3754, 2.6142 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 36.7367, 19.3754, 2.6142 by changing the saturation by 10% instead.


 36.7367, 19.3754,
2.6142


 36.7367, 19.3754,
2.6142


323.5445,
248.5134, 131.2842


 25.1764, 11.9418,
0.8998


 69.4841, 42.3675,
10.6606

 16.3380, 6.7041,
0.0000


 91.4020, 58.6948,
17.8311


 9.8560, 3.2777,
0.0000


 117.5030, 78.7555,
27.6579

 5.3651, 1.2784,
0.0000

 148.1527,
102.9340, 40.5594

 2.5000, 0.1244,
0.0000

 183.7164,
131.6146, 56.9542


 0.8952, 0.0000,
0.0000


 224.5593,


 0.0000, 0.0000,


165.1818, 77.2610


0.0000


 271.0469,
204.0199, 101.8981


 36.7367, 19.3754,
2.6142


 36.7367, 19.3754,
2.6142


 36.2758, 18.7014,
1.6978

 37.8122, 20.9501,
4.7509

 39.6868, 23.6935,
8.4766

 42.4760, 27.7750,
14.0206

 46.2761, 33.3358,
21.5746

 51.1713, 40.4990,
31.3059

■ 57.2371, 49.3749,
43.3645

■ 64.5422, 60.0642,
57.8871

■ 73.1499, 72.6596,
74.9998

■ 83.1195, 87.2475,
94.8200

Harmonies

Analogous

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



42.7856, 19.3754, 14.8364



36.7367, 19.3754, 2.6142



26.1420, 19.3754, 0.0309

Triad

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



36.7367, 19.3754, 2.6142



6.2323, 19.3754, 6.9401



20.9725, 19.3754, 125.3310

Complementary

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



36.7367, 19.3754, 2.6142



47.6759, 69.4238, 94.1059

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.



12.3849, 19.3754, 114.5861



36.7367, 19.3754, 2.6142



5.6775, 19.3754, 28.9083

Square

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



36.7367, 19.3754, 2.6142



9.4084, 19.3754, 0.9267



7.4977, 19.3754, 71.4073



31.8685, 19.3754, 94.2692

Rectangle

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



36.7367, 19.3754, 2.6142



19.1278, 19.3754, 0.0000



7.4977, 19.3754, 71.4073



17.7216, 19.3754, 126.7696

Sweetspot

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



36.7371, 19.3766, 2.6145



67.7116, 59.9970, 54.5498



52.4589, 25.6643, 85.4073



13.9196, 12.0026, 10.5358



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.



36.7371, 19.3766, 2.6145



41.2404, 21.2608, 1.9301



44.6813, 35.2651, 5.2625



15.7731, 15.7592, 16.3602



19.6718, 10.1416, 0.9207



1.6366, 0.8438, 0.0766

Inverse Universe

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



47.6759, 69.4238, 94.1059



53.7978, 78.7156, 106.9659



24.4817, 23.0356, 86.3745



16.2472, 17.9286, 20.3258



25.6617, 37.5476, 51.0228



2.1349, 3.1237, 4.2446

Previews

White Background



This preview shows how the XYZ color 36.7367, 19.3754, 2.6142 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 36.7367, 19.3754, 2.6142 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 36.7367, 19.3754, 2.6142

Background



This preview shows how black text looks on a background with the XYZ color 36.7367, 19.3754, 2.6142.



This preview shows how white text looks on a background with the XYZ color 36.7367, 19.3754,

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

36.7367, 19.3754, 2.6142

Protanopia

17.8355, 19.6587, 5.1400

Deuteranopia

19.7630, 19.4593, 2.7144



Tritanopia

36.6815, 19.3857, 2.2240

Trichromacy



Original Color

36.7367, 19.3754, 2.6142

Protanomaly

21.4058, 16.0577, 3.6403

Deuteranomaly

23.3108, 16.4912, 2.1842

Tritanomaly

36.7034, 19.3945, 2.3393

Monochromacy



Original Color

36.7367, 19.3754, 2.6142

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

14.2604, 9.9662, 6.0226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7367, 19.3754, 2.6142 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(241, 23, 23)` looks like.

```
.text, #text, p{  
    color:rgb(241, 23, 23)  
}
```

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(241, 23, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 23, 23) }
```

Border

The CSS property to change the border of an element to XYZ 36.7367, 19.3754, 2.6142 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(241, 23, 23) }
```


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

```
.border{ border-color:rgb(241, 23, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 23, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 23, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 23, 23);  
box-shadow:4px 4px 4px 4px rgb(241, 23,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7367, 19.3754, 2.6142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 23, 23) }
```

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

```
.background{ background-color: rgb(241, 23,  
23) }
```

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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