

Converting Colors

XYZ(36.5639, 24.2857, 5.6222)

Have a look what the booklet for
XYZ(36.5639, 24.2857, 5.6222)
contains.

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Color

**XYZ(36.6086, 24.3619,
5.6786)**

Conversions

Conversions Part 1

Format	Color
Hex	E55B31
RGB	229, 91, 49
RGB Percent	90%, 36%, 19%
CMY	0.1020, 0.6431, 0.8078
CMYK	0.00, 0.60, 0.79, 0.10
HSL	14°, 78%, 55%
HSV	14°, 79%, 90%
XYZ	36.6086, 24.3619, 5.6786
YIQ	127.4740, 95.7300, 16.1940

Conversions

Conversions Part 2

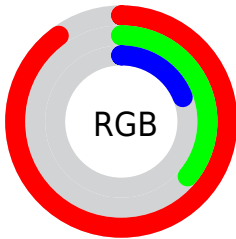
Format	Color
R _{YB}	229, 104, 49
Decimal	15031089
CIE _{Lab}	56.45, 51.51, 50.19
CIE _{LCh}	56, 71.919, 44.253
Yxy	24.3619, 0.5493, 0.3655
Android (android.graphics.Color)	4293221169 (0xFFE55B31)
YUV	127.4740, -38.6877, 89.0383
Hunter-Lab	49.3578, 46.0171, 27.7291

Details

The XYZ color **36.6086, 24.3619, 5.6786** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **33.1783, 41.8478, 80.4571**, and the grayscale version is **20.4431, 21.5077, 23.4219**.

A 20% lighter version of the original color is **53.7235, 42.6996, 16.9656**, and **16.2979, 9.2510, 0.9266** is the 20% darker color. If you saturate the color by 10%, you get **34.9129, 21.5577, 3.3042**, and if you desaturate by 10%, it is **38.9017, 27.9690, 9.4623**.

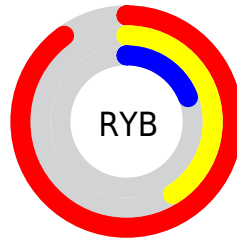
Distribution



Red (90%)

Green (36%)

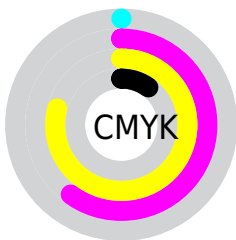
Blue (19%)



Red (90%)

Yellow (41%)

Blue (19%)

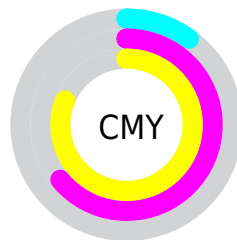


Cyan (0%)

Magenta (60%)

Yellow (79%)

Black (10%)



Cyan (10%)


Magenta (64%)


Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6086, 24.3619, 5.6786 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 36.6086, 24.3619, 5.6786 by changing the saturation by 10% instead.


 36.6086, 24.3619,
5.6786


 36.6086, 24.3619,
5.6786


322.9979,
274.6451, 165.3727


 25.0769, 15.6023,
2.5850


 69.2881, 50.6201,
17.7261

 16.2634, 9.2432,
0.8847


 91.1667, 68.8875,
27.5171


 9.8027, 4.9001,
0.0000


 117.2249, 91.0930,
40.3776

 5.3296, 2.1888,
0.0000

 147.8280,
117.6209, 56.7263

 2.4787, 0.7139,
0.0000

 183.3416,
148.8557, 76.9815

 0.8845, 0.0000,
0.0000

 224.1308,

 0.0000, 0.0000,

185.1817, 101.5620

0.0000

270.5612,
226.9834, 130.8862

■ 36.6086, 24.3619,
5.6786

■ 36.6086, 24.3619,
5.6786

■ 34.9129, 21.5577,
3.3042

■ 38.9017, 27.9690,
9.4623

■ 33.7397, 19.4833,
2.0743


■ 41.8457, 32.4329,
14.8339


■ 33.6063, 19.2446,
1.9433


■ 45.4894, 37.8072,
21.9467


■ 49.8764, 44.1398,
30.9352

■ 55.0463, 51.4751,
41.9208

 61.0359, 59.8548,
55.0146

 67.8798, 69.3180,
70.3195

 75.6102, 79.9019,
87.9315

 84.2417, 91.6354,
107.8551

Harmonies

Analogous

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



42.3799, 24.3619, 16.7689



36.6086, 24.3619, 5.6786



27.7741, 24.3619, 2.3508

Triad

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



36.6086, 24.3619, 5.6786



10.9182, 24.3619, 15.9332



27.3217, 24.3619, 100.3250

Complementary

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



36.6086, 24.3619, 5.6786



33.1783, 41.8478, 80.4571

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.



19.0792, 24.3619, 99.5763



36.6086, 24.3619, 5.6786



10.8530, 24.3619, 39.4813

Square

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



36.6086, 24.3619, 5.6786



13.6892, 24.3619, 5.3816



13.4825, 24.3619, 73.0662



36.2098, 24.3619, 74.7387

Rectangle

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



36.6086, 24.3619, 5.6786



21.9889, 24.3619, 2.0481



13.4825, 24.3619, 73.0662



24.3621, 24.3619, 103.4749

Sweetspot

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



36.6091, 24.3633, 5.6790



73.5311, 70.2980, 60.6146



42.3810, 22.4426, 49.1118



15.1714, 14.2506, 11.7414



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.



36.6091, 24.3633, 5.6790



43.5969, 25.8323, 3.1516



49.3912, 49.9275, 9.9397



14.6486, 14.9111, 15.0105



19.2909, 11.1559, 1.1366



1.4955, 0.9644, 0.1073

Inverse Universe

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



33.1783, 41.8478, 80.4571



38.6893, 48.1988, 101.8719



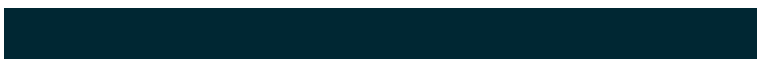
19.6843, 14.8597, 75.9591



14.5074, 15.7362, 18.4171



17.0095, 21.0812, 45.5557



1.3263, 1.6965, 3.3895

Previews

White Background



This preview shows how the XYZ color 36.6086, 24.3619, 5.6786 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 36.6086, 24.3619, 5.6786 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 36.6086, 24.3619, 5.6786

Background



This preview shows how black text looks on a background with the XYZ color 36.6086, 24.3619, 5.6786.



This preview shows how white text looks on a background with the XYZ color 36.6086, 24.3619,

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

36.6086, 24.3619, 5.6786

Protanopia

22.4362, 24.5354, 8.1107

Deuteranopia

24.9947, 24.4984, 5.2450



Tritanopia

38.1711, 24.3998, 12.5953

Trichromacy



Original Color

36.6086, 24.3619, 5.6786

Protanomaly

26.0454, 23.3121, 6.9978

Deuteranomaly

28.2869, 23.6351, 5.2616

Tritanomaly

37.4274, 24.3242, 9.5599

Monochromacy



Original Color

36.6086, 24.3619, 5.6786

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

23.5793, 20.8280, 14.5818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6086, 24.3619, 5.6786 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(229, 91, 49)` looks like.

```
.text, #text, p{  
    color:rgb(229, 91, 49)  
}
```

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(229, 91, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 91, 49) }
```

Border

The CSS property to change the border of an element to XYZ 36.6086, 24.3619, 5.6786 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(229, 91, 49) }
```


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

```
.border{ border-color:rgb(229, 91, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 91, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 91, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 91, 49);  
box-shadow:4px 4px 4px 4px rgb(229, 91,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6086, 24.3619, 5.6786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 91, 49) }
```

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

```
.background{ background-color: rgb(229, 91,  
49) }
```

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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