

Converting Colors

XYZ(36.5063, 25.2216, 5.4550)

Have a look what the booklet for
XYZ(36.5063, 25.2216, 5.4550)
contains.

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Color

**XYZ(36.5199, 25.2557,
5.4327)**

Conversions

Conversions Part 1

Format	Color
Hex	E3622D
RGB	227, 98, 45
RGB Percent	89%, 38%, 18%
CMY	0.1098, 0.6157, 0.8235
CMYK	0.00, 0.57, 0.80, 0.11
HSL	17°, 76%, 53%
HSV	17°, 80%, 89%
XYZ	36.5199, 25.2557, 5.4327
YIQ	130.5290, 93.8970, 10.8650

Conversions

Conversions Part 2

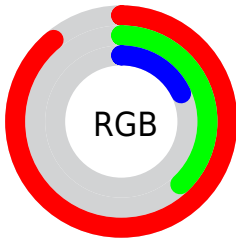
Format	Color
R_{YB}	227, 120, 45
Decimal	14901805
CIE _{Lab}	57.32, 47.45, 52.79
CIE _{LCh}	57, 70.979, 48.052
Yxy	25.2557, 0.5434, 0.3758
Android (android.graphics.Color)	4293091885 (0xFFE3622D)
YUV	130.5290, -42.1658, 84.6051
Hunter-Lab	50.2550, 41.7680, 28.7691

Details

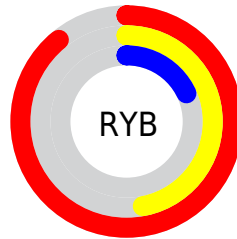
The XYZ color **36.5199, 25.2557, 5.4327** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **30.0821, 36.3736, 78.1078**, and the grayscale version is **21.5284, 22.6496, 24.6654**.

A 20% lighter version of the original color is **54.5338, 44.5427, 16.5498**, and **16.2105, 9.6939, 1.0167** is the 20% darker color. If you saturate the color by 10%, you get **34.8373, 22.4123, 3.2643**, and if you desaturate by 10%, it is **38.7409, 28.8010, 8.9386**.

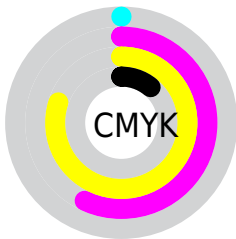
Distribution



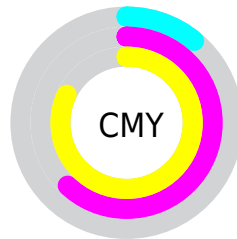
- Red (89%)
- Green (38%)
- Blue (18%)



- Red (89%)
- Yellow (47%)
- Blue (18%)



- Cyan (0%)
- Magenta (57%)
- Yellow (80%)
- Black (11%)





- Cyan (11%)
- Magenta (62%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5199, 25.2557, 5.4327 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 36.5199, 25.2557, 5.4327 by changing the saturation by 10% instead.


 36.5199, 25.2557,
5.4327


 36.5199, 25.2557,
5.4327


322.6190,
279.1090, 163.0219


 25.0080, 16.2677,
2.4402


 69.1524, 52.0717,
17.1984

 16.2117, 9.7138,
0.8082


 91.0037, 70.6685,
26.8087

 9.7659, 5.2096,
0.0000


 117.0321, 93.2370,
39.4619

 5.3051, 2.3708,
0.0000

 147.6030,
120.1616, 55.5767

 2.4640, 0.8108,
0.0000

 183.0818,
151.8267, 75.5715

 0.8771, 0.0000,
0.0000

 223.8339,

 0.0000, 0.0000,

188.6167, 99.8650

0.0000

270.2245,
230.9160, 128.8756

■ 36.5199, 25.2557,
5.4327

■ 36.5199, 25.2557,
5.4327

■ 34.8373, 22.4123,
3.2643

■ 38.7409, 28.8010,
8.9386

■ 33.6331, 20.2404,
2.1341

■ 41.5483, 33.0905,
13.9601

■ 44.9859, 38.1677,
20.6490

■ 49.0925, 44.0714,
29.1380

■ 53.9036, 50.8375,
39.5463

■ 59.4518, 58.4997,
51.9828

■ 65.7678, 67.0900,
66.5483

■ 72.8804, 76.6386,
83.3366

■ 80.8169, 87.1744,
102.4362

Harmonies

Analogous

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



42.8989, 25.2557, 15.4981



36.5199, 25.2557, 5.4327



27.5110, 25.2557, 2.5177

Triad

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



36.5199, 25.2557, 5.4327



11.4039, 25.2557, 18.9817



29.3735, 25.2557, 99.2293

Complementary

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



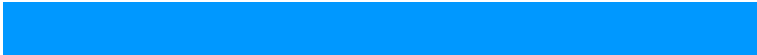
36.5199, 25.2557, 5.4327



30.0821, 36.3736, 78.1078

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.



20.8099, 25.2557, 102.2632



36.5199, 25.2557, 5.4327



11.6775, 25.2557, 44.4948

Square

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



36.5199, 25.2557, 5.4327



13.8733, 25.2557, 6.7038



14.7356, 25.2557, 78.3371



38.1548, 25.2557, 71.5347

Rectangle

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



36.5199, 25.2557, 5.4327



21.8098, 25.2557, 2.4083



14.7356, 25.2557, 78.3371



26.3423, 25.2557, 103.5811

Sweetspot

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



36.5205, 25.2571, 5.4331



74.4048, 72.0454, 60.9058



40.3973, 21.3199, 42.7670



15.3772, 14.6622, 11.8101



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.



36.5205, 25.2571, 5.4331



44.2754, 27.2413, 3.2174



50.0428, 52.3018, 9.9406



14.7173, 15.0484, 15.0334



19.7025, 11.9791, 1.2738



1.5340, 1.0413, 0.1201

Inverse Universe

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



30.0821, 36.3736, 78.1078



35.2566, 41.4436, 100.7489



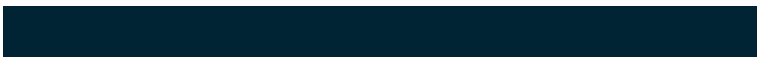
18.1515, 12.5123, 74.1310



14.4343, 15.5900, 18.3927



15.6128, 18.2877, 45.0902



1.2329, 1.5097, 3.3584

Previews

White Background



This preview shows how the XYZ color 36.5199, 25.2557, 5.4327 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 36.5199, 25.2557, 5.4327 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 36.5199, 25.2557, 5.4327

Background



This preview shows how black text looks on a background with the XYZ color 36.5199, 25.2557, 5.4327.



This preview shows how white text looks on a background with the XYZ color 36.5199, 25.2557,

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

36.5199, 25.2557, 5.4327

Protanopia

23.1287, 25.3325, 7.4120

Deuteranopia

25.8606, 25.3468, 5.0428



Tritanopia

38.3448, 25.1941, 14.3972

Trichromacy



Original Color

36.5199, 25.2557, 5.4327

Protanomaly

26.7588, 24.2376, 6.5168

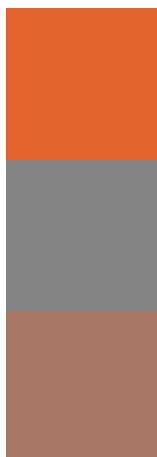
Deuteranomaly

28.9390, 24.6710, 5.0705

Tritanomaly

37.4089, 25.0639, 10.2633

Monochromacy



Original Color

36.5199, 25.2557, 5.4327

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

24.6230, 22.2207, 15.0479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5199, 25.2557, 5.4327 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(227, 98, 45)` looks like.

```
.text, #text, p{  
    color:rgb(227, 98, 45)  
}
```

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(227, 98, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 98, 45) }
```

Border

The CSS property to change the border of an element to XYZ 36.5199, 25.2557, 5.4327 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(227, 98, 45) }
```


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

```
.border{ border-color:rgb(227, 98, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 98, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 98, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 98, 45);  
box-shadow:4px 4px 4px 4px rgb(227, 98,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5199, 25.2557, 5.4327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 98, 45) }
```

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

```
.background{ background-color: rgb(227, 98,  
45) }
```

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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