

Converting Colors

XYZ(39.7227, 25.4824, 6.0795)

Have a look what the booklet for
XYZ(39.7227, 25.4824, 6.0795)
contains.

XYZ(39.6246, 25.4150, 6.0660)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.6246, 25.4150,
6.0660)**

Conversions

Conversions Part 1

Format	Color
Hex	EF5734
RGB	239, 87, 52
RGB Percent	94%, 34%, 20%
CMY	0.0627, 0.6588, 0.7961
CMYK	0.00, 0.64, 0.78, 0.06
HSL	11°, 85%, 57%
HSV	11°, 78%, 94%
XYZ	39.6246, 25.4150, 6.0660
YIQ	128.4580, 101.8270, 21.3390

Conversions

Conversions Part 2

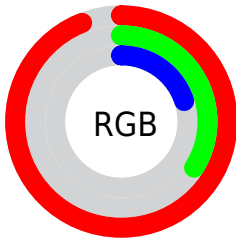
Format	Color
R _Y B	239, 95, 52
Decimal	15685428
CIE Lab	57.48, 56.80, 50.30
CIE LCh	57, 75.874, 41.524
Yxy	25.4150, 0.5573, 0.3574
Android (android.graphics.Color)	4293875508 (0xFFEF5734)
YUV	128.4580, -37.6938, 96.9453
Hunter-Lab	50.4133, 52.0769, 28.1552

Details

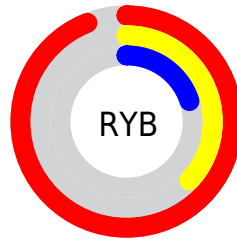
The XYZ color **39.6246, 25.4150, 6.0660** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **38.5869, 50.1436, 89.3056**, and the grayscale version is **20.7805, 21.8627, 23.8085**.

A 20% lighter version of the original color is **53.4114, 41.8445, 17.5736**, and **18.0378, 9.8136, 1.0010** is the 20% darker color. If you saturate the color by 10%, you get **37.8492, 22.5190, 3.4567**, and if you desaturate by 10%, it is **42.0964, 29.2690, 10.2503**.

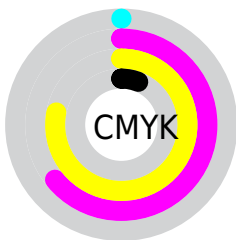
Distribution



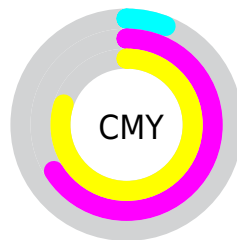
- Red (94%)
- Green (34%)
- Blue (20%)



- Red (94%)
- Yellow (37%)
- Blue (20%)



- Cyan (0%)
- Magenta (64%)
- Yellow (78%)
- Black (6%)




- Cyan (6%)
- Magenta (66%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6246, 25.4150, 6.0660 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 39.6246, 25.4150, 6.0660 by changing the saturation by 10% instead.


 39.6246, 25.4150,
6.0660


 39.6246, 25.4150,
6.0660


335.7004,
279.8984, 168.9853

 27.4289, 16.3865,
2.8158


 73.8795, 52.3297,
18.5478


 18.0338, 9.7981,
1.0014


 96.6694, 70.9847,
28.6164


 11.0741, 5.2653,
0.0000


 123.7214, 93.6173,
41.7950

 6.1844, 2.4037,
0.0000

 155.4009,
120.6119, 58.5020

 2.9992, 0.8278,
0.0000

 192.0731,
152.3529, 79.1560

 1.1534, 0.0000,
0.0000

 234.1036,

 0.0691, 0.0000,

189.2247, 104.1755

0.0000

281.8575,
231.6118, 133.9791

■ 0.0000, 0.0000,
0.0000

■ 39.6246, 25.4150,
6.0660

■ 39.6246, 25.4150,
6.0660

■ 37.8492, 22.5190,
3.4567

■ 42.0964, 29.2690,
10.2503

■ 36.6828, 20.4867,
2.1416


■ 45.3300, 34.1530,
16.2093


■ 36.5249, 20.2078,
1.9754


■ 49.3848, 40.1367,
24.1142


■ 54.3133, 47.2826,
34.1156

■ 60.1640, 55.6482,
46.3493

 66.9813, 65.2873,
60.9393

 74.8069, 76.2503,
78.0009

 83.6800, 88.5850,
97.6415

 89.4063, 97.0906,
108.6359

Harmonies

Analogous

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



45.4729, 25.4150, 18.8803



39.6246, 25.4150, 6.0660



30.0862, 25.4150, 2.2303

Triad

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



39.6246, 25.4150, 6.0660



11.1480, 25.4150, 14.7174



27.7934, 25.4150, 110.5738

Complementary

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



39.6246, 25.4150, 6.0660



38.5869, 50.1436, 89.3056

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.



19.0616, 25.4150, 106.6913



39.6246, 25.4150, 6.0660



10.8258, 25.4150, 38.8421

Square

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



39.6246, 25.4150, 6.0660



14.3780, 25.4150, 4.6445



13.3503, 25.4150, 75.4540



37.5902, 25.4150, 84.0833

Rectangle

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



39.6246, 25.4150, 6.0660



23.6973, 25.4150, 1.7883



13.3503, 25.4150, 75.4540



24.6210, 25.4150, 113.0722

Sweetspot

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



39.6252, 25.4165, 6.0664



73.6365, 70.0472, 62.0731



47.8096, 25.2008, 59.9226



15.1631, 14.1458, 12.0107



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.



39.6252, 25.4165, 6.0664



42.9534, 24.5454, 2.9371



52.4937, 51.1536, 10.3559



16.0122, 16.2375, 16.4399



20.2542, 11.3064, 1.1148



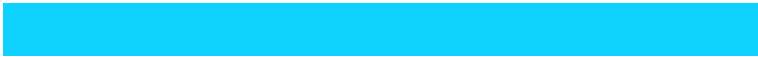
1.7505, 1.0717, 0.1146

Inverse Universe

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



38.5869, 50.1436, 89.3056



41.3295, 53.4793, 102.7520



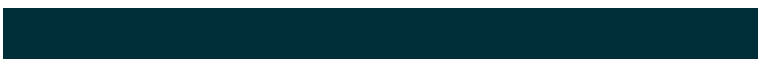
22.7043, 18.3785, 84.0115



15.9812, 17.3964, 20.2372



19.3934, 25.0111, 48.9334



1.6776, 2.2092, 4.0922

Previews

White Background



This preview shows how the XYZ color 39.6246, 25.4150, 6.0660 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 39.6246, 25.4150, 6.0660 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 39.6246, 25.4150, 6.0660

Background



This preview shows how black text looks on a background with the XYZ color 39.6246, 25.4150, 6.0660.



This preview shows how white text looks on a background with the XYZ color 39.6246, 25.4150,

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

39.6246, 25.4150, 6.0660

Protanopia

23.3826, 25.6428, 9.0273

Deuteranopia

25.9549, 25.3845, 5.5392



Tritanopia

40.7487, 25.3999, 11.7718

Trichromacy



Original Color

39.6246, 25.4150, 6.0660

Protanomaly

27.3531, 23.9711, 7.7426

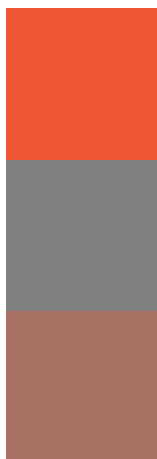
Deuteranomaly

29.8741, 24.4491, 5.5275

Tritanomaly

40.3415, 25.3603, 9.2474

Monochromacy



Original Color

39.6246, 25.4150, 6.0660

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

24.3538, 21.0552, 14.8371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6246, 25.4150, 6.0660 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(239, 87, 52)` looks like.

```
.text, #text, p{  
    color:rgb(239, 87, 52)  
}
```

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(239, 87, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 87, 52) }
```

Border

The CSS property to change the border of an element to XYZ 39.6246, 25.4150, 6.0660 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(239, 87, 52) }
```


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

```
.border{ border-color:rgb(239, 87, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 87, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 87, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 87, 52);  
box-shadow:4px 4px 4px 4px rgb(239, 87,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6246, 25.4150, 6.0660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 87, 52) }
```

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

```
.background{ background-color: rgb(239, 87,  
52) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor