

Converting Colors

XYZ(41.1693, 28.5895, 8.9116)

Have a look what the booklet for
XYZ(41.1693, 28.5895, 8.9116)
contains.

XYZ(41.0508, 28.5373, 8.9749)	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(41.0508, 28.5373,
8.9749)**

Conversions

Conversions Part 1

Format	Color
Hex	ED6945
RGB	237, 105, 69
RGB Percent	93%, 41%, 27%
CMY	0.0706, 0.5882, 0.7294
CMYK	0.00, 0.56, 0.71, 0.07
HSL	13°, 82%, 60%
HSV	13°, 71%, 93%
XYZ	41.0508, 28.5373, 8.9749
YIQ	140.3640, 90.2280, 16.7880

Conversions

Conversions Part 2

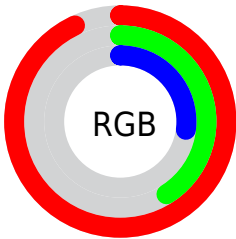
Format	Color
R_{YB}	237, 115, 69
Decimal	15558981
CIE Lab	60.37, 48.76, 44.63
CIE LCh	60, 66.105, 42.470
Yxy	28.5373, 0.5225, 0.3632
Android (android.graphics.Color)	4293749061 (0xFFED6945)
YUV	140.3640, -35.1825, 84.7498
Hunter-Lab	53.4203, 43.6826, 27.4332

Details

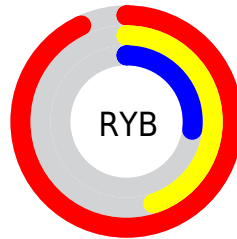
The XYZ color **41.0508, 28.5373, 8.9749** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **38.6253, 49.1496, 87.5713**, and the grayscale version is **25.1781, 26.4893, 28.8468**.

A 20% lighter version of the original color is **56.9679, 47.3882, 23.5971**, and **18.7842, 11.4243, 1.9741** is the 20% darker color. If you saturate the color by 10%, you get **38.7631, 24.9138, 5.2790**, and if you desaturate by 10%, it is **44.0486, 33.1118, 14.3563**.

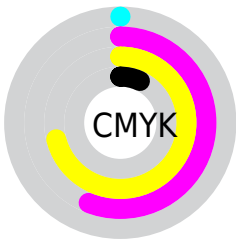
Distribution



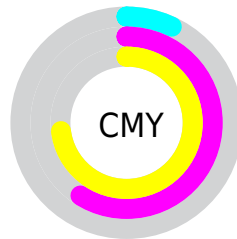
- Red (93%)
- Green (41%)
- Blue (27%)



- Red (93%)
- Yellow (45%)
- Blue (27%)



- Cyan (0%)
- Magenta (56%)
- Yellow (71%)
- Black (7%)





- Cyan (7%)
- Magenta (59%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0508, 28.5373, 8.9749 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 41.0508, 28.5373, 8.9749 by changing the saturation by 10% instead.


 41.0508, 28.5373,
8.9749


 41.0508, 28.5373,
8.9749


341.5918,
295.0255, 193.4017


 28.5466, 18.7311,
4.6282


 76.0352, 57.3411,
24.4256


 18.8807, 11.4761,
1.9759


 99.2462, 77.1075,
36.3667

 11.6876, 6.3880,
0.5404


 126.7568,
100.9628, 51.6763

 6.6020, 3.0824,
0.0000

 158.9324,
129.2913, 70.7731

 3.2586, 1.1749,
0.0000

 196.1383,
162.4774, 94.0754

 1.2919, 0.0411,
0.0000

238.7400,

 0.1772, 0.0000,

200.9055, 122.0020

0.0000

287.1027,
244.9601, 154.9712

■ 0.0000, 0.0000,
0.0000

■ 41.0508, 28.5373,
8.9749

■ 41.0508, 28.5373,
8.9749

■ 38.7631, 24.9138,
5.2790

■ 44.0486, 33.1118,
14.3563

■ 37.1189, 22.1670,
3.0613


■ 47.8107, 38.6949,
21.5946


■ 36.0997, 20.3542,
2.0261


■ 52.3880, 45.3449,
30.8414


■ 57.8261, 53.1144,
42.2323

■ 64.1675, 62.0523,
55.8908

 71.4514, 72.2045,
71.9313

 79.7148, 83.6146,
90.4602

 88.4075, 96.0898,
108.4953

 88.7348, 96.7444,
108.6045

Harmonies

Analogous

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



46.4118, 28.5373, 22.0233



41.0508, 28.5373, 8.9749



32.3495, 28.5373, 4.4014

Triad

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



41.0508, 28.5373, 8.9749



14.3355, 28.5373, 19.0003



30.8073, 28.5373, 102.8252

Complementary

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



41.0508, 28.5373, 8.9749



38.6253, 49.1496, 87.5713

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.



22.4936, 28.5373, 100.4685



41.0508, 28.5373, 8.9749



14.0927, 28.5373, 42.3119

Square

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



41.0508, 28.5373, 8.9749



17.5191, 28.5373, 7.7577



16.7678, 28.5373, 74.5914



39.7206, 28.5373, 79.9535

Rectangle

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



41.0508, 28.5373, 8.9749



26.4258, 28.5373, 3.8476



16.7678, 28.5373, 74.5914



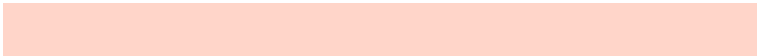
27.8341, 28.5373, 105.1982

Sweetspot

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



41.0515, 28.5389, 8.9754



75.6116, 73.0501, 65.6512



47.8803, 26.5917, 59.3592



15.7175, 14.9809, 13.0392



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.



41.0515, 28.5389, 8.9754



44.8192, 27.8523, 4.8687



53.6846, 53.8053, 13.1864



15.3271, 15.5773, 15.7176



19.7869, 11.2680, 1.1321



1.6225, 1.0223, 0.1118

Inverse Universe

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



38.6253, 49.1496, 87.5713



41.5475, 53.0146, 102.6508



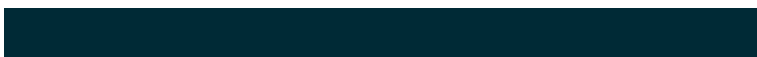
24.3850, 20.6689, 82.8245



15.2278, 16.5420, 19.3126



18.0553, 22.7576, 47.1840



1.4859, 1.9232, 3.7278

Previews

White Background



This preview shows how the XYZ color 41.0508, 28.5373, 8.9749 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 41.0508, 28.5373, 8.9749 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 41.0508, 28.5373, 8.9749

Background



This preview shows how black text looks on a background with the XYZ color 41.0508, 28.5373, 8.9749.



This preview shows how white text looks on a background with the XYZ color 41.0508, 28.5373,

8.9749.

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

41.0508, 28.5373, 8.9749

Protanopia

26.3374, 28.6559, 12.3266

Deuteranopia

29.1310, 28.6259, 8.4049



Tritanopia

42.8076, 28.5266, 17.1599

Trichromacy



Original Color

41.0508, 28.5373, 8.9749

Protanomaly

30.2305, 27.4740, 10.9174

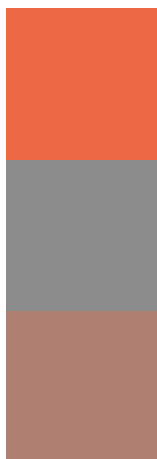
Deuteranomaly

32.6022, 27.9664, 8.5302

Tritanomaly

41.9871, 28.4702, 13.6383

Monochromacy



Original Color

41.0508, 28.5373, 8.9749

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

28.3058, 25.5076, 19.3512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0508, 28.5373, 8.9749 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(237, 105, 69)` looks like.

```
.text, #text, p{  
    color:rgb(237, 105, 69)  
}
```

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(237, 105, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 105, 69) }
```

Border

The CSS property to change the border of an element to XYZ 41.0508, 28.5373, 8.9749 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(237, 105, 69) }
```


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

```
.border{ border-color:rgb(237, 105, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 105, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 105, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 105, 69);  
box-shadow:4px 4px 4px 4px rgb(237, 105,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0508, 28.5373, 8.9749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 105, 69) }
```

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

```
.background{ background-color: rgb(237,  
105, 69) }
```

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