

Converting Colors

XYZ(42.0561, 28.2698, 7.6832)

Have a look what the booklet for
XYZ(42.0561, 28.2698, 7.6832)
contains.

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Color

**XYZ(41.9221, 28.1378,
7.6365)**

Conversions

Conversions Part 1

Format	Color
Hex	F2633D
RGB	242, 99, 61
RGB Percent	95%, 39%, 24%
CMY	0.0510, 0.6117, 0.7608
CMYK	0.00, 0.59, 0.75, 0.05
HSL	13°, 87%, 59%
HSV	13°, 75%, 95%
XYZ	41.9221, 28.1378, 7.6365
YIQ	137.4250, 97.4260, 18.4980

Conversions

Conversions Part 2

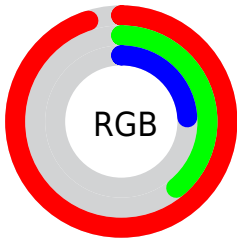
Format	Color
R _Y B	242, 109, 61
Decimal	15885117
CIE Lab	60.01, 52.96, 48.58
CIE LCh	60, 71.865, 42.529
Yxy	28.1378, 0.5396, 0.3622
Android (android.graphics.Color)	4294075197 (0xFFFF2633D)
YUV	137.4250, -37.6775, 91.7123
Hunter-Lab	53.0451, 48.2416, 28.5960

Details

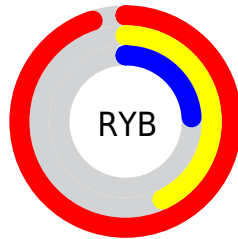
The XYZ color **41.9221, 28.1378, 7.6365** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **39.5425, 50.5849, 91.6836**, and the grayscale version is **24.0524, 25.3050, 27.5572**.

A 20% lighter version of the original color is **55.6648, 45.5189, 20.8911**, and **19.5206, 11.3380, 1.5074** is the 20% darker color. If you saturate the color by 10%, you get **39.8092, 24.7307, 4.4093**, and if you desaturate by 10%, it is **44.7588, 32.5230, 12.5549**.

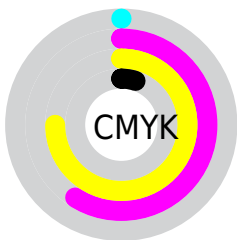
Distribution



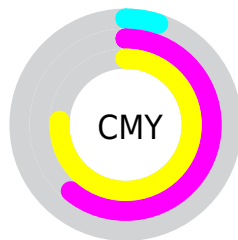
- Red (95%)
- Green (39%)
- Blue (24%)



- Red (95%)
- Yellow (43%)
- Blue (24%)



- Cyan (0%)
- Magenta (59%)
- Yellow (75%)
- Black (5%)





- Cyan (5%)
- Magenta (61%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9221, 28.1378, 7.6365 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 41.9221, 28.1378, 7.6365 by changing the saturation by 10% instead.


 41.9221, 28.1378,
7.6365


 41.9221, 28.1378,
7.6365


345.1570,
293.1248, 182.6793

 29.2311, 18.4296,
3.7788


 77.3476, 56.7044,
21.7770


 19.4009, 11.2588,
1.5048


 100.8129, 76.3315,
32.8969

 12.0660, 6.2412,
0.2215


 128.6003,
100.0337, 47.2746

 6.8612, 2.9923,
0.0000

 161.0752,
128.1954, 65.3286

 3.4210, 1.1277,
0.0000

 198.6030,
161.2009, 87.4776

 1.3801, 0.0014,
0.0000

 241.5490,

 0.2420, 0.0000,

199.4348, 114.1400

0.0000

290.2785,
243.2812, 145.7344

■ 0.0000, 0.0000,
0.0000

■ 41.9221, 28.1378,
7.6365

■ 41.9221, 28.1378,
7.6365

■ 39.8092, 24.7307,
4.4093

■ 44.7588, 32.5230,
12.5549

■ 38.3444, 22.2184,
2.6350


■ 48.3803, 37.9510,
19.3569


■ 37.7936, 21.2288,
2.1056


■ 52.8426, 44.4864,
28.2103

■ 58.1961, 52.1867,
39.2639

■ 64.4869, 61.1058,
52.6524

 71.7581, 71.2938,
68.4997

 80.0497, 82.7982,
86.9211

 89.3997, 95.6639,
108.0244

 90.4277, 97.6171,
108.6837

Harmonies

Analogous

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



47.8642, 28.1378, 20.9528



41.9221, 28.1378, 7.6365



32.3831, 28.1378, 3.3239

Triad

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



41.9221, 28.1378, 7.6365



13.2249, 28.1378, 17.8604



30.7463, 28.1378, 110.8726

Complementary

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



41.9221, 28.1378, 7.6365



39.5425, 50.5849, 91.6836

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.



21.8010, 28.1378, 108.2424



41.9221, 28.1378, 7.6365



12.9808, 28.1378, 42.9229

Square

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



41.9221, 28.1378, 7.6365



16.5249, 28.1378, 6.4829



15.7587, 28.1378, 78.8942



40.4908, 28.1378, 84.8094

Rectangle

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



41.9221, 28.1378, 7.6365



25.9751, 28.1378, 2.8326



15.7587, 28.1378, 78.8942



27.5282, 28.1378, 113.6082

Sweetspot

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



41.9227, 28.1394, 7.6370



74.7521, 71.8087, 63.8926



49.4028, 26.6613, 60.8074



15.5471, 14.7328, 12.6965



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.



41.9227, 28.1394, 7.6370



43.8492, 26.1889, 3.6921



55.3793, 55.0525, 12.1225



16.0417, 16.2966, 16.4498



20.3824, 11.5629, 1.1576



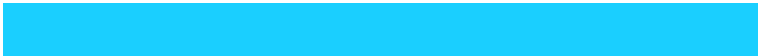
1.7653, 1.1013, 0.1195

Inverse Universe

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



39.5425, 50.5849, 91.6836



40.7297, 51.9658, 102.4915



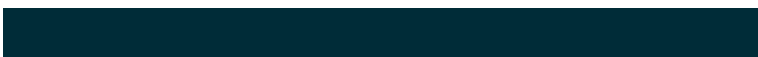
24.1166, 19.7331, 86.5417



15.9492, 17.3325, 20.2265



18.7423, 23.7089, 48.7163



1.6289, 2.1118, 4.0760

Previews

White Background



This preview shows how the XYZ color 41.9221, 28.1378, 7.6365 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 41.9221, 28.1378, 7.6365 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 41.9221, 28.1378, 7.6365

Background



This preview shows how black text looks on a background with the XYZ color 41.9221, 28.1378, 7.6365.



This preview shows how white text looks on a background with the XYZ color 41.9221, 28.1378,

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

41.9221, 28.1378, 7.6365

Protanopia

25.8926, 28.2324, 10.7413

Deuteranopia

28.7644, 28.2486, 7.1853



Tritanopia

43.6112, 28.1586, 15.1932

Trichromacy



Original Color

41.9221, 28.1378, 7.6365

Protanomaly

30.0599, 26.8277, 9.3883

Deuteranomaly

32.5258, 27.3876, 7.1865

Tritanomaly

42.8247, 28.0923, 11.9693

Monochromacy



Original Color

41.9221, 28.1378, 7.6365

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

27.5225, 24.3840, 17.7240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9221, 28.1378, 7.6365 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(242, 99, 61)` looks like.

```
.text, #text, p{  
    color:rgb(242, 99, 61)  
}
```

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(242, 99, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 99, 61) }
```

Border

The CSS property to change the border of an element to XYZ 41.9221, 28.1378, 7.6365 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(242, 99, 61) }
```


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

```
.border{ border-color:rgb(242, 99, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 99, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 99, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 99, 61);  
box-shadow:4px 4px 4px 4px rgb(242, 99,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9221, 28.1378, 7.6365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 99, 61) }
```

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

```
.background{ background-color: rgb(242, 99,  
61) }
```

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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