

Converting Colors

XYZ(41.2699, 25.9981, 7.6778)

Have a look what the booklet for
XYZ(41.2699, 25.9981, 7.6778)
contains.

XYZ(41.1361, 25.9219, 7.6858)	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(41.1361, 25.9219,
7.6858)**

Conversions

Conversions Part 1

Format	Color
Hex	F35540
RGB	243, 85, 64
RGB Percent	95%, 33%, 25%
CMY	0.0471, 0.6666, 0.7490
CMYK	0.00, 0.65, 0.74, 0.05
HSL	7°, 88%, 60%
HSV	7°, 74%, 95%
XYZ	41.1361, 25.9219, 7.6858
YIQ	129.8480, 100.9090, 26.9650

Conversions

Conversions Part 2

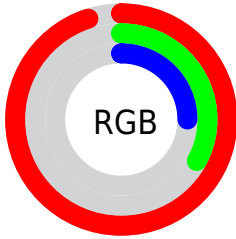
Format	Color
R_{YB}	243, 88, 64
Decimal	15947072
CIE _{Lab}	57.96, 59.40, 44.87
CIE _{LCh}	58, 74.443, 37.063
Yxy	25.9219, 0.5504, 0.3468
Android (android.graphics.Color)	4294137152 (0xFFFF35540)
YUV	129.8480, -32.4631, 99.2343
Hunter-Lab	50.9136, 55.1221, 26.6892

Details

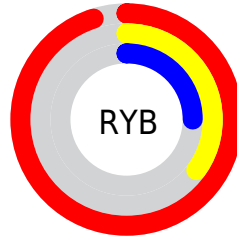
The XYZ color **41.1361, 25.9219, 7.6858** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed red. A complement of this color would be **44.4105, 59.7982, 93.9950**, and the grayscale version is **21.2518, 22.3586, 24.3485**.

A 20% lighter version of the original color is **53.7455, 41.5020, 20.8008**, and **18.9159, 10.0600, 1.5171** is the 20% darker color. If you saturate the color by 10%, you get **39.1487, 22.8234, 4.3229**, and if you desaturate by 10%, it is **43.9373, 30.1669, 12.8051**.

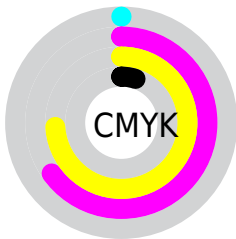
Distribution



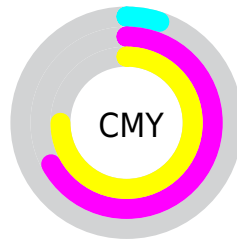
- Red (95%)
- Green (33%)
- Blue (25%)



- Red (95%)
- Yellow (35%)
- Blue (25%)



- Cyan (0%)
- Magenta (65%)
- Yellow (74%)
- Black (5%)





- Cyan (5%)
- Magenta (67%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1361, 25.9219, 7.6858 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 41.1361, 25.9219, 7.6858 by changing the saturation by 10% instead.


 41.1361, 25.9219,
7.6858


 41.1361, 25.9219,
7.6858

341.9420,
282.3985, 183.0880


 28.6136, 16.7652,
3.8097


 76.1639, 53.1489,
21.8761

 18.9315, 10.0672,
1.5215


 99.3998, 71.9881,
33.0273

 11.7245, 5.4436,
0.2339


 126.9376, 94.8235,
47.4406

 6.6272, 2.5098,
0.0000

 159.1426,
122.0396, 65.5346

 3.2743, 0.8815,
0.0000

 196.3802,
154.0207, 87.7278

 1.3004, 0.0000,
0.0000

 239.0158,

 0.1836, 0.0000,

191.1513, 114.4387

0.0000

287.4146,
233.8158, 146.0860

■ 0.0000, 0.0000,
0.0000

■ 41.1361, 25.9219,
7.6858

■ 41.1361, 25.9219,
7.6858

■ 39.1487, 22.8234,
4.3229

■ 43.9373, 30.1669,
12.8051

■ 37.8831, 20.7543,
2.4764


■ 47.6270, 35.6517,
19.8765


■ 37.3896, 19.9100,
1.8724


■ 52.2737, 42.4649,
29.0710

■ 57.9381, 50.6858,
40.5408

■ 64.6763, 60.3874,
54.4237

 72.5399, 71.6378,
70.8468

 81.5775, 84.5006,
89.9283

 90.7719, 97.7946,
108.6998

Harmonies

Analogous

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



46.0422, 25.9219, 22.5724



41.1361, 25.9219, 7.6858



31.9949, 25.9219, 2.7903

Triad

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



41.1361, 25.9219, 7.6858



11.9163, 25.9219, 13.0112



26.8218, 25.9219, 111.1859

Complementary

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



41.1361, 25.9219, 7.6858



44.4105, 59.7982, 93.9950

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.



18.5053, 25.9219, 102.6042



41.1361, 25.9219, 7.6858



11.1722, 25.9219, 34.7493

Square

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



41.1361, 25.9219, 7.6858



15.6311, 25.9219, 4.3020



13.2724, 25.9219, 69.7261



36.5727, 25.9219, 88.8947

Rectangle

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



41.1361, 25.9219, 7.6858



25.5329, 25.9219, 2.0466



13.2724, 25.9219, 69.7261



23.7642, 25.9219, 111.9614

Sweetspot

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



41.1367, 25.9234, 7.6862



73.4846, 69.2737, 63.4701



51.9958, 28.0016, 71.8533



15.2534, 14.1455, 12.5986



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.



41.1367, 25.9234, 7.6862



42.9422, 24.2770, 3.6915



53.0976, 49.8452, 11.6732



16.6558, 16.7956, 17.1616



20.5702, 11.0260, 1.0441



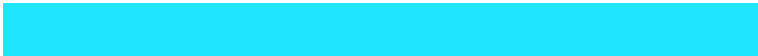
1.8577, 1.0686, 0.1083

Inverse Universe

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



44.4105, 59.7982, 93.9950



46.5288, 63.3566, 104.3845



26.6272, 24.2314, 88.0672



16.8209, 18.4062, 21.2088



22.2083, 30.2104, 51.1987



1.9979, 2.7473, 4.5152

Previews

White Background



This preview shows how the XYZ color 41.1361, 25.9219, 7.6858 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 41.1361, 25.9219, 7.6858 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 41.1361, 25.9219, 7.6858

Background



This preview shows how black text looks on a background with the XYZ color 41.1361, 25.9219, 7.6858.



This preview shows how white text looks on a background with the XYZ color 41.1361, 25.9219,

7.6858.

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

41.1361, 25.9219, 7.6858

Protanopia

24.0379, 26.1377, 11.7608

Deuteranopia

26.5089, 26.0401, 7.1191



Tritanopia

42.0458, 25.9558, 11.8107

Trichromacy



Original Color

41.1361, 25.9219, 7.6858

Protanomaly

28.2362, 24.3800, 9.8742

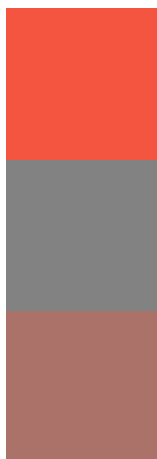
Deuteranomaly

30.5623, 24.9384, 7.2058

Tritanomaly

41.8128, 25.9841, 10.2088

Monochromacy



Original Color

41.1361, 25.9219, 7.6858

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

25.4134, 21.7332, 16.4912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1361, 25.9219, 7.6858 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(243, 85, 64)` looks like.

```
.text, #text, p{  
    color:rgb(243, 85, 64)  
}
```

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(243, 85, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 85, 64) }
```

Border

The CSS property to change the border of an element to XYZ 41.1361, 25.9219, 7.6858 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(243, 85, 64) }
```


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

```
.border{ border-color:rgb(243, 85, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 85, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 85, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 85, 64);  
box-shadow:4px 4px 4px 4px rgb(243, 85,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1361, 25.9219, 7.6858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 85, 64) }
```

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

```
.background{ background-color: rgb(243, 85,  
64) }
```

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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