

Converting Colors

XYZ(41.5052, 25.5383, 7.1242)

Have a look what the booklet for
XYZ(41.5052, 25.5383, 7.1242)
contains.

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Color

**XYZ(41.3672, 25.4867,
7.1540)**

Conversions

Conversions Part 1

Format	Color
Hex	F5503D
RGB	245, 80, 61
RGB Percent	96%, 31%, 24%
CMY	0.0392, 0.6862, 0.7608
CMYK	0.00, 0.67, 0.75, 0.04
HSL	6°, 90%, 60%
HSV	6°, 75%, 96%
XYZ	41.3672, 25.4867, 7.1540
YIQ	127.1690, 104.4390, 29.0710

Conversions

Conversions Part 2

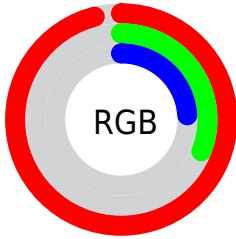
Format	Color
R_{YB}	245, 82, 61
Decimal	16076861
CIE _{Lab}	57.55, 61.90, 46.10
CIE _{LCh}	58, 77.185, 36.675
Yxy	25.4867, 0.5590, 0.3444
Android (android.graphics.Color)	4294266941 (0xFFFF5503D)
YUV	127.1690, -32.6213, 103.3378
Hunter-Lab	50.4844, 57.9164, 26.9372

Details

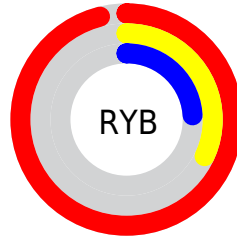
The XYZ color **41.3672, 25.4867, 7.1540** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **45.5994, 61.9718, 95.9442**, and the grayscale version is **20.3157, 21.3737, 23.2760**.

A 20% lighter version of the original color is **53.0001, 40.2771, 19.7327**, and **19.1531, 9.8800, 1.3495** is the 20% darker color. If you saturate the color by 10%, you get **39.4973, 22.5732, 3.9848**, and if you desaturate by 10%, it is **44.0650, 29.5749, 12.0851**.

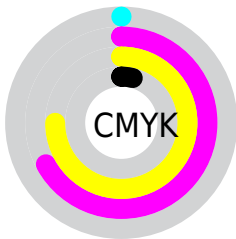
Distribution



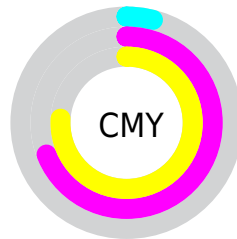
- Red (96%)
- Green (31%)
- Blue (24%)



- Red (96%)
- Yellow (32%)
- Blue (24%)



- Cyan (0%)
- Magenta (67%)
- Yellow (75%)
- Black (4%)





- Cyan (4%)
- Magenta (69%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3672, 25.4867, 7.1540 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 41.3672, 25.4867, 7.1540 by changing the saturation by 10% instead.

 41.3672, 25.4867,
7.1540


 41.3672, 25.4867,
7.1540

342.8894,
280.2531, 178.6165

 28.7951, 16.4400,
3.4787


 76.5122, 52.4457,
20.8005


 19.0693, 9.8361,
1.3440


 99.8158, 71.1268,
31.6087

 11.8247, 5.2904,
0.0974


 127.4272, 93.7882,
45.6317

 6.6958, 2.4186,
0.0000

 159.7118,
120.8143, 63.2880

 3.3172, 0.8355,
0.0000

 197.0350,
152.5894, 84.9960

 1.3236, 0.0000,
0.0000

 239.7621,

 0.2008, 0.0000,

189.4980, 111.1744

0.0000

288.2584,
231.9245, 142.2417

■ 0.0000, 0.0000,
0.0000

■ 41.3672, 25.4867,
7.1540

■ 41.3672, 25.4867,
7.1540

■ 39.4973, 22.5732,
3.9848

■ 44.0650, 29.5749,
12.0851

■ 38.3555, 20.7051,
2.3228


■ 47.6717, 34.9405,
18.9837


■ 38.0103, 20.1211,
1.8804


■ 52.2602, 41.6798,
28.0284

■ 57.8956, 49.8787,
39.3773

■ 64.6374, 59.6160,
53.1737

 72.5405, 70.9650,
69.5492

 81.6563, 83.9942,
88.6260

 91.4660, 98.1524,
108.7323

Harmonies

Analogous

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



46.3910, 25.4867, 22.2670



41.3672, 25.4867, 7.1540



31.9272, 25.4867, 2.3810

Triad

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



41.3672, 25.4867, 7.1540



11.3382, 25.4867, 12.1336



26.3399, 25.4867, 114.6421

Complementary

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



41.3672, 25.4867, 7.1540



45.5994, 61.9718, 95.9442

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.



17.8722, 25.4867, 105.1396



41.3672, 25.4867, 7.1540



10.5575, 25.4867, 34.0679

Square

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



41.3672, 25.4867, 7.1540



15.1184, 25.4867, 3.7205



12.6239, 25.4867, 70.3550



36.4041, 25.4867, 91.4635

Rectangle

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



41.3672, 25.4867, 7.1540



25.2650, 25.4867, 1.6759



12.6239, 25.4867, 70.3550



23.2126, 25.4867, 115.3083

Sweetspot

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



41.3678, 25.4882, 7.1544



72.4604, 67.6949, 61.6810



53.1347, 28.2739, 75.0405



14.8864, 13.5924, 11.9184



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.



41.3678, 25.4882, 7.1544



42.5281, 23.5467, 3.2517



53.1369, 49.0265, 11.0774



16.6369, 16.7579, 17.1553



20.5230, 10.9315, 1.0283



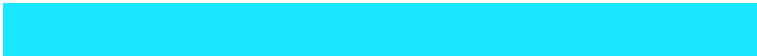
1.8487, 1.0507, 0.1054

Inverse Universe

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



45.5994, 61.9718, 95.9442



47.1203, 64.7470, 104.6217



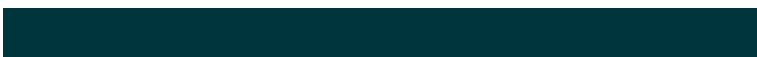
27.0142, 24.8013, 89.7491



16.8419, 18.4480, 21.2157



22.6826, 31.1589, 51.3568



2.0349, 2.8212, 4.5275

Previews

White Background



This preview shows how the XYZ color 41.3672, 25.4867, 7.1540 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 41.3672, 25.4867, 7.1540 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 41.3672, 25.4867, 7.1540

Background



This preview shows how black text looks on a background with the XYZ color 41.3672, 25.4867, 7.1540.



This preview shows how white text looks on a background with the XYZ color 41.3672, 25.4867,

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

41.3672, 25.4867, 7.1540

Protanopia

23.5928, 25.7052, 11.1153

Deuteranopia

26.0606, 25.6171, 6.5887



Tritanopia

42.1451, 25.4947, 10.4843

Trichromacy



Original Color

41.3672, 25.4867, 7.1540

Protanomaly

27.8978, 23.8638, 9.2667

Deuteranomaly

30.1242, 24.2187, 6.5770

Tritanomaly

41.9665, 25.5360, 9.1956

Monochromacy



Original Color

41.3672, 25.4867, 7.1540

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

24.6017, 20.6772, 15.5264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3672, 25.4867, 7.1540 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(245, 80, 61)` looks like.

```
.text, #text, p{  
    color:rgb(245, 80, 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(245, 80, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 80, 61) }
```

Border

The CSS property to change the border of an element to XYZ 41.3672, 25.4867, 7.1540 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(245, 80, 61) }
```


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

```
.border{ border-color:rgb(245, 80, 61) }
```

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

Here you see how a box with a 4 pixel rgb(245, 80, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 80, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 80, 61);  
box-shadow:4px 4px 4px 4px rgb(245, 80,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3672, 25.4867, 7.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 80, 61) }
```

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

```
.background{ background-color: rgb(245, 80,  
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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