

Converting Colors

XYZ(40.5918, 24.1720, 2.7560)

Have a look what the booklet for
XYZ(40.5918, 24.1720, 2.7560)
contains.

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Color

**XYZ(40.5918, 24.1720,
2.7560)**

Conversions

Conversions Part 1

Format	Color
Hex	F74608
RGB	247, 70, 8
RGB Percent	97%, 27%, 3%
CMY	0.0314, 0.7254, 0.9686
CMYK	0.00, 0.72, 0.97, 0.03
HSL	16°, 94%, 50%
HSV	16°, 97%, 97%
XYZ	40.5918, 24.1720, 2.7560
YIQ	115.8550, 125.3940, 18.2420

Conversions

Conversions Part 2

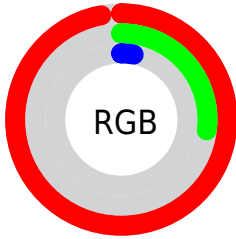
Format	Color
R_{YB}	247, 92, 8
Decimal	16205320
CIE Lab	56.26, 65.07, 65.86
CIE LCh	56, 92.585, 45.347
Yxy	24.1720, 0.6012, 0.3580
Android (android.graphics.Color)	4294395400 (0xFFFF74608)
YUV	115.8550, -53.1725, 115.0142
Hunter-Lab	49.1650, 61.3350, 31.0920

Details

The XYZ color **40.5918, 24.1720, 2.7560** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **34.2358, 41.4613, 94.1935**, and the grayscale version is **16.6885, 17.5576, 19.1203**.

A 20% lighter version of the original color is **50.1034, 37.3658, 9.8818**, and **19.0561, 9.8238, 0.8918** is the 20% darker color. If you saturate the color by 10%, you get **40.1957, 23.4504, 2.4078**, and if you desaturate by 10%, it is **42.1426, 26.9117, 4.3906**.

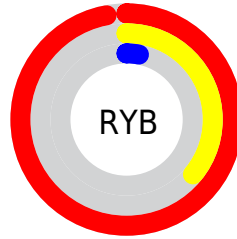
Distribution



Red (97%)

Green (27%)

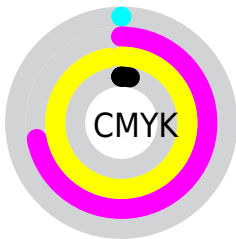
Blue (3%)



Red (97%)

Yellow (36%)

Blue (3%)

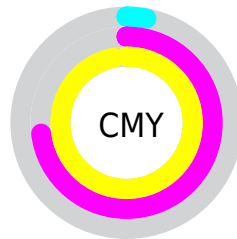


Cyan (0%)

Magenta (72%)

Yellow (97%)

Black (3%)



Cyan (3%)


Magenta (73%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5918, 24.1720, 2.7560 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 40.5918, 24.1720, 2.7560 by changing the saturation by 10% instead.


 40.5918, 24.1720,
2.7560


 40.5918, 24.1720,
2.7560


339.7034,
273.6889, 133.1896


 28.1865, 15.4613,
0.9714

 75.3425, 50.3107,
11.0202

 18.6075, 9.1437,
0.0000


 98.4186, 68.5075,
18.3369

 11.4893, 4.8351,
0.0000


 125.7823, 90.6351,
28.3347

 6.4667, 2.1508,
0.0000

 157.7991,
117.0779, 41.4322

 3.1742, 0.6930,
0.0000

 194.8343,
148.2203, 58.0479


 1.2465, 0.0000,
0.0000

 237.2531,


 0.1427, 0.0000,


184.4466, 78.6003


0.0000


 285.4211,
226.1414, 103.5080


 0.0000, 0.0000,
0.0000


 40.5918, 24.1720,
2.7560


 40.5918, 24.1720,
2.7560


 40.1957, 23.4504,
2.4078

 42.1426, 26.9117,
4.3906

 44.3218, 30.5047,
7.4760

 47.2038, 35.0234,
12.2758

 50.8503, 40.5300,
18.9990

 55.3157, 47.0807,
27.8244

60.6487, 54.7275,
38.9102

66.8943, 63.5186,
52.3992

74.0942, 73.4994,
68.4223

82.2873, 84.7126,
87.1012

Harmonies

Analogous

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



48.9373, 24.1720, 13.6435



40.5918, 24.1720, 2.7560



28.5569, 24.1720, 0.5191

Triad

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



40.5918, 24.1720, 2.7560



8.3069, 24.1720, 14.0918



28.8352, 24.1720, 133.1414

Complementary

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



40.5918, 24.1720, 2.7560



34.2358, 41.4613, 94.1935

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.



18.1720, 24.1720, 133.6847



40.5918, 24.1720, 2.7560



8.3396, 24.1720, 45.1041

Square

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



40.5918, 24.1720, 2.7560



11.2646, 24.1720, 2.8693



11.3742, 24.1720, 94.0165



40.8491, 24.1720, 92.8459

Rectangle

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



40.5918, 24.1720, 2.7560



21.1178, 24.1720, 0.3368



11.3742, 24.1720, 94.0165



24.9375, 24.1720, 138.6288

Sweetspot

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



40.5923, 24.1735, 2.7564



70.2947, 66.0165, 52.7805



47.4409, 23.5464, 49.1990



14.4267, 13.2593, 9.9573



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.



40.5923, 24.1735, 2.7564



43.1976, 25.1752, 2.5825



56.2249, 55.4387, 7.9672



16.8486, 17.1814, 17.2259



21.3553, 12.5962, 1.3058



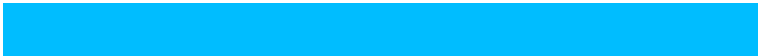
1.9569, 1.2670, 0.1414

Inverse Universe

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



34.2358, 41.4613, 94.1935



36.2131, 43.5462, 101.1044



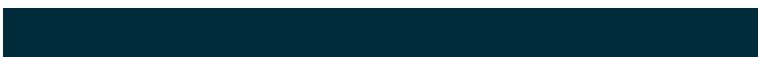
18.9408, 10.8715, 89.0952



16.6116, 17.9875, 21.1390



17.9463, 21.6863, 49.7780



1.6601, 2.0716, 4.4026

Previews

White Background



This preview shows how the XYZ color 40.5918, 24.1720, 2.7560 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 40.5918, 24.1720, 2.7560 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 40.5918, 24.1720, 2.7560

Background



This preview shows how black text looks on a background with the XYZ color 40.5918, 24.1720, 2.7560.



This preview shows how white text looks on a background with the XYZ color 40.5918, 24.1720,

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

40.5918, 24.1720, 2.7560

Protanopia

21.9748, 24.3724, 4.7085

Deuteranopia

24.5138, 24.0963, 3.3590



Tritanopia

41.6451, 24.1544, 7.9362

Trichromacy



Original Color

40.5918, 24.1720, 2.7560

Protanomaly

26.4230, 22.2073, 3.6033

Deuteranomaly

28.8273, 22.6641, 2.9414

Tritanomaly

41.2117, 24.1680, 5.0776

Monochromacy



Original Color

40.5918, 24.1720, 2.7560

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

21.1112, 17.3520, 9.2578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5918, 24.1720, 2.7560 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(247, 70, 8)` looks like.

```
.text, #text, p{  
    color:rgb(247, 70, 8)  
}
```

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(247, 70, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 70, 8) }
```

Border

The CSS property to change the border of an element to XYZ 40.5918, 24.1720, 2.7560 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(247, 70, 8) }
```


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

```
.border{ border-color:rgb(247, 70, 8) }
```

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

Here you see how a box with a 4 pixel rgb(247, 70, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 70, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 70, 8);  
box-shadow:4px 4px 4px 4px rgb(247, 70, 8)  
}
```

Background

The CSS property to change the background color of an element to XYZ 40.5918, 24.1720, 2.7560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 70, 8) }
```

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

```
.background{ background-color: rgb(247, 70,  
8) }
```

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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