

Converting Colors

XYZ(41.4151, 24.1793, 2.7819)

Have a look what the booklet for
XYZ(41.4151, 24.1793, 2.7819)
contains.

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Color

**XYZ(41.3694, 24.1265,
2.7636)**

Conversions

Conversions Part 1

Format	Color
Hex	FA410A
RGB	250, 65, 10
RGB Percent	98%, 25%, 4%
CMY	0.0196, 0.7450, 0.9608
CMYK	0.00, 0.74, 0.96, 0.02
HSL	14°, 96%, 51%
HSV	14°, 96%, 98%
XYZ	41.3694, 24.1265, 2.7636
YIQ	114.0450, 127.9150, 22.1150

Conversions

Conversions Part 2

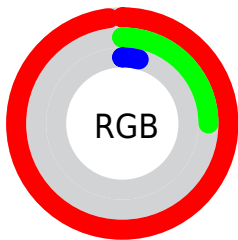
Format	Color
RYB	250, 81, 10
Decimal	16400650
CIELab	56.21, 67.65, 65.73
CIElCh	56, 94.327, 44.174
Yxy	24.1265, 0.6061, 0.3535
Android (android.graphics.Color)	4294590730 (0xFFFA410A)
YUV	114.0450, -51.2942, 119.2325
Hunter-Lab	49.1187, 64.3807, 31.0472

Details

The XYZ color **41.3694, 24.1265, 2.7636** 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 **36.8925, 45.9910, 97.3744**, and the grayscale version is **16.1318, 16.9719, 18.4824**.

A 20% lighter version of the original color is **49.5867, 36.3325, 9.7096**, and **19.7672, 10.1903, 0.9251** is the 20% darker color. If you saturate the color by 10%, you get **40.9022, 23.2803, 2.3378**, and if you desaturate by 10%, it is **42.9198, 26.8300, 4.5069**.

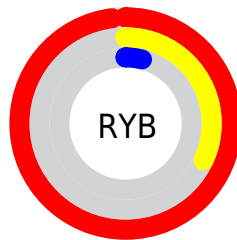
Distribution



Red (98%)

Green (25%)

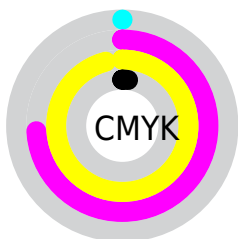
Blue (4%)



Red (98%)

Yellow (32%)

Blue (4%)

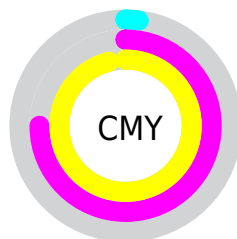


Cyan (0%)

Magenta (74%)

Yellow (96%)

Black (2%)



Cyan (2%)


Magenta (75%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3694, 24.1265, 2.7636 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 41.3694, 24.1265, 2.7636 by changing the saturation by 10% instead.

 41.3694, 24.1265,
2.7636


 41.3694, 24.1265,
2.7636

342.8984,
273.4594, 133.2903


 28.7968, 15.4275,
0.9752


 76.5155, 50.2366,
11.0393

 19.0707, 9.1200,
0.0000


 99.8197, 68.4164,
18.3637

 11.8257, 4.8195,
0.0000


 127.4318, 90.5253,
28.3706

 6.6964, 2.1418,
0.0000

 159.7172,
116.9476, 41.4784

 3.3176, 0.6880,
0.0000

 197.0412,
148.0678, 58.1058


 1.3239, 0.0000,
0.0000

 239.7692,


 0.2010, 0.0000,


184.2702, 78.6712


0.0000


 288.2664,
225.9393, 103.5932


 0.0000, 0.0000,
0.0000

 41.3694, 24.1265,
2.7636

 41.3694, 24.1265,
2.7636


 40.9022, 23.2803,
2.3378

 42.9198, 26.8300,
4.5069

 45.1451, 30.4610,
7.7754

 48.1247, 35.1017,
12.8336

 51.9253, 40.8230,
19.8953

 56.6054, 47.6894,
29.1439

62.2182, 55.7598,
40.7419

68.8123, 65.0890,
54.8364

76.4328, 75.7287,
71.5624

85.1221, 87.7271,
91.0449

Harmonies

Analogous

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



49.6651, 24.1265, 14.1941



41.3694, 24.1265, 2.7636



29.0998, 24.1265, 0.4313

Triad

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



41.3694, 24.1265, 2.7636



8.1536, 24.1265, 13.1193



28.4246, 24.1265, 137.0909

Complementary

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



41.3694, 24.1265, 2.7636



36.8925, 45.9910, 97.3744

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.



17.7029, 24.1265, 135.7547



41.3694, 24.1265, 2.7636



8.0758, 24.1265, 43.7696

Square

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



41.3694, 24.1265, 2.7636



11.2559, 24.1265, 2.5011



10.9935, 24.1265, 93.7053



40.7427, 24.1265, 96.5760

Rectangle

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



41.3694, 24.1265, 2.7636



21.4473, 24.1265, 0.1988



10.9935, 24.1265, 93.7053



24.4826, 24.1265, 142.1439

Sweetspot

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



41.3699, 24.1280, 2.7640



69.7799, 64.9868, 52.6089



49.7256, 24.6181, 55.5569



14.3070, 13.0201, 9.9174



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.



41.3699, 24.1280, 2.7640



42.7759, 24.3318, 2.4420



56.2067, 53.8016, 7.7096



17.5674, 17.8706, 17.9859



21.7851, 12.5268, 1.2697



2.0942, 1.3133, 0.1431

Inverse Universe

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



36.8925, 45.9910, 97.3744



37.9140, 46.9479, 101.6713



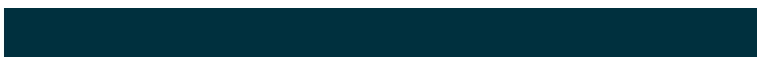
20.1049, 12.4156, 91.7785



17.4087, 18.8942, 22.1147



19.3465, 24.0485, 51.5957



1.8711, 2.3859, 4.8051

Previews

White Background



This preview shows how the XYZ color 41.3694, 24.1265, 2.7636 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 41.3694, 24.1265, 2.7636 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 41.3694, 24.1265, 2.7636

Background



This preview shows how black text looks on a background with the XYZ color 41.3694, 24.1265, 2.7636.



This preview shows how white text looks on a background with the XYZ color 41.3694, 24.1265,

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

41.3694, 24.1265, 2.7636

Protanopia

21.8602, 24.1023, 4.7964

Deuteranopia

24.2967, 23.9844, 3.3489



Tritanopia

42.3496, 24.2056, 7.1427

Trichromacy



Original Color

41.3694, 24.1265, 2.7636

Protanomaly

26.4696, 21.9051, 3.6436

Deuteranomaly

28.6267, 22.2540, 2.9015

Tritanomaly

41.9609, 24.1363, 4.8301

Monochromacy



Original Color

41.3694, 24.1265, 2.7636

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

20.5916, 16.6741, 8.9706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3694, 24.1265, 2.7636 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(250, 65, 10)` looks like.

```
.text, #text, p{  
    color:rgb(250, 65, 10)  
}
```

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(250, 65, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 65, 10) }
```

Border

The CSS property to change the border of an element to XYZ 41.3694, 24.1265, 2.7636 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(250, 65, 10) }
```


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

```
.border{ border-color:rgb(250, 65, 10) }
```

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

Here you see how a box with a 4 pixel rgb(250, 65, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 65, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 65, 10);  
box-shadow:4px 4px 4px 4px rgb(250, 65,  
10) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3694, 24.1265, 2.7636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 65, 10) }
```

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

```
.background{ background-color: rgb(250, 65,  
10) }
```

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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