

Converting Colors

XYZ(43.0978, 24.8343, 2.9852)

Have a look what the booklet for
XYZ(43.0978, 24.8343, 2.9852)
contains.

XYZ(43.1037, 24.8495, 2.9766)	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(43.1037, 24.8495,
2.9766)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3F0F
RGB	255, 63, 15
RGB Percent	100%, 25%, 6%
CMY	0.0000, 0.7529, 0.9412
CMYK	0.00, 0.75, 0.94, 0.00
HSL	12°, 100%, 53%
HSV	12°, 94%, 100%
XYZ	43.1037, 24.8495, 2.9766
YIQ	114.9360, 129.8400, 25.7760

Conversions

Conversions Part 2

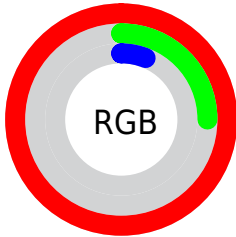
Format	Color
R_{YB}	255, 75, 15
Decimal	16727823
CIE _{Lab}	56.93, 69.80, 65.49
CIE _{LCh}	57, 95.712, 43.176
Yxy	24.8495, 0.6077, 0.3503
Android (android.graphics.Color)	4294917903 (0xFFFF3F0F)
YUV	114.9360, -49.2684, 122.8361
Hunter-Lab	49.8493, 67.1093, 31.3542

Details

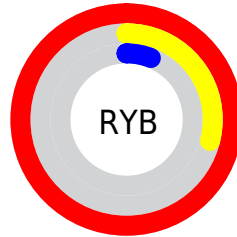
The XYZ color **43.1037, 24.8495, 2.9766** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **40.5566, 51.9410, 102.4949**, and the grayscale version is **16.3954, 17.2493, 18.7845**.

A 20% lighter version of the original color is **49.5531, 36.1175, 10.1540**, and **20.7390, 10.6914, 0.9706** is the 20% darker color. If you saturate the color by 10%, you get **42.4240, 23.6286, 2.3248**, and if you desaturate by 10%, it is **44.7563, 27.6665, 5.0339**.

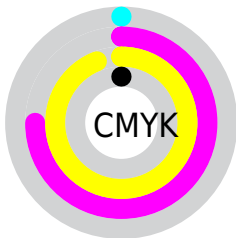
Distribution



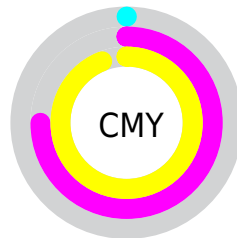
- Red (100%)
- Green (25%)
- Blue (6%)



- Red (100%)
- Yellow (29%)
- Blue (6%)



- Cyan (0%)
- Magenta (75%)
- Yellow (94%)
- Black (0%)





- Cyan (0%)
- Magenta (75%)
- Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1037, 24.8495, 2.9766 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 43.1037, 24.8495, 2.9766 by changing the saturation by 10% instead.


 43.1037, 24.8495,
2.9766


 43.1037, 24.8495,
2.9766

349.9523,
277.0876, 136.0620

 30.1614, 15.9650,
1.0827


 79.1221, 51.4130,
11.5706


 20.1098, 9.4994,
0.0000


 102.9288, 69.8607,
19.1079


 12.5836, 5.0683,
0.0000


 131.0877, 92.2649,
29.3633

 7.2175, 2.2874,
0.0000

 163.9641,
119.0101, 42.7554

 3.6460, 0.7670,
0.0000

 201.9235,
150.4805, 59.7028


 1.5039, 0.0000,
0.0000


 245.3311,


 0.3285, 0.0000,


187.0606, 80.6240


0.0000


 294.5522,
229.1349, 105.9376


 0.0000, 0.0000,
0.0000


 43.1037, 24.8495,
2.9766


 43.1037, 24.8495,
2.9766


 42.4240, 23.6286,
2.3248

 44.7563, 27.6665,
5.0339

 47.1546, 31.5161,
8.7527

 50.3839, 36.4921,
14.3999

 54.5166, 42.6760,
22.1946

 59.6166, 50.1412,
32.3258

65.7420, 58.9555,
44.9619

72.9460, 69.1815,
60.2555

81.2781, 80.8782,
78.3471

90.7846, 94.1008,
99.3672

Harmonies

Analogous

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



51.4678, 24.8495, 15.2755



43.1037, 24.8495, 2.9766



30.4294, 24.8495, 0.4571

Triad

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



43.1037, 24.8495, 2.9766



8.4019, 24.8495, 12.8243



28.8855, 24.8495, 142.8203

Complementary

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



43.1037, 24.8495, 2.9766



40.5566, 51.9410, 102.4949

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.



17.9085, 24.8495, 139.7562



43.1037, 24.8495, 2.9766



8.2247, 24.8495, 43.7256

Square

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



43.1037, 24.8495, 2.9766



11.7187, 24.8495, 2.3826



11.1205, 24.8495, 95.1761



41.6696, 24.8495, 101.7553

Rectangle

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



43.1037, 24.8495, 2.9766



22.4435, 24.8495, 0.1809



11.1205, 24.8495, 95.1761



24.8342, 24.8495, 147.5142

Sweetspot

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



43.1042, 24.8510, 2.9770



70.0174, 65.0390, 53.9913



52.6730, 26.1065, 61.2943



14.3319, 12.9905, 10.1704



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.



43.1042, 24.8510, 2.9770



42.4244, 23.6288, 2.3248



58.2594, 55.1614, 8.0287



18.3036, 18.5753, 18.7650



22.2502, 12.5117, 1.2423



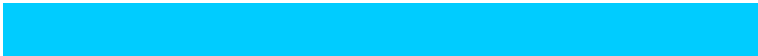
2.2389, 1.3632, 0.1451

Inverse Universe

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



40.5566, 51.9410, 102.4949



39.6397, 50.3994, 102.2466



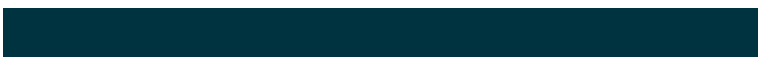
21.6553, 14.1383, 96.1945



18.2280, 19.8277, 23.1164



20.8211, 26.5518, 53.4622



2.1020, 2.7347, 5.2303

Previews

White Background



This preview shows how the XYZ color 43.1037, 24.8495, 2.9766 looks on a white background.

Color Contrast Check

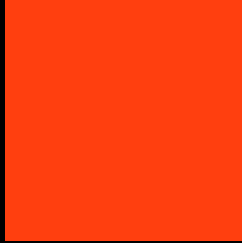
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.1037, 24.8495, 2.9766 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 43.1037, 24.8495, 2.9766

Background



This preview shows how black text looks on a background with the XYZ color 43.1037, 24.8495, 2.9766.



This preview shows how white text looks on a background with the XYZ color 43.1037, 24.8495,

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

43.1037, 24.8495, 2.9766

Protanopia

22.5608, 24.8768, 5.1260

Deuteranopia

25.2162, 24.8495, 3.4674



Tritanopia

43.7254, 24.8395, 7.0474

Trichromacy



Original Color

43.1037, 24.8495, 2.9766

Protanomaly

27.2596, 22.3074, 3.9059

Deuteranomaly

29.8100, 23.0155, 3.0149

Tritanomaly

43.3824, 24.7869, 4.9805

Monochromacy



Original Color

43.1037, 24.8495, 2.9766

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

21.3200, 17.0372, 9.5620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1037, 24.8495, 2.9766 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(255, 63, 15)` looks like.

```
.text, #text, p{  
    color:rgb(255, 63, 15)  
}
```

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(255, 63, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 63, 15) }
```

Border

The CSS property to change the border of an element to XYZ 43.1037, 24.8495, 2.9766 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(255, 63, 15) }
```


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

```
.border{ border-color:rgb(255, 63, 15) }
```

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

Here you see how a box with a 4 pixel rgb(255, 63, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 63, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 63, 15);  
box-shadow:4px 4px 4px 4px rgb(255, 63,  
15) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1037, 24.8495, 2.9766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 63, 15) }
```

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

```
.background{ background-color: rgb(255, 63,  
15) }
```

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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