

Converting Colors

XYZ(43.3509, 25.2740, 3.2743)

Have a look what the booklet for
XYZ(43.3509, 25.2740, 3.2743)
contains.

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Color

**XYZ(43.3734, 25.3248,
3.2640)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4314
RGB	255, 67, 20
RGB Percent	100%, 26%, 8%
CMY	0.0000, 0.7372, 0.9216
CMYK	0.00, 0.74, 0.92, 0.00
HSL	12°, 100%, 54%
HSV	12°, 92%, 100%
XYZ	43.3734, 25.3248, 3.2640
YIQ	117.8540, 127.1350, 25.2390

Conversions

Conversions Part 2

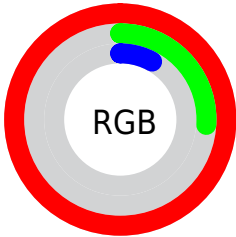
Format	Color
R_{YB}	255, 79, 20
Decimal	16728852
CIE _{Lab}	57.39, 68.61, 64.41
CIE _{LCh}	57, 94.101, 43.192
Yxy	25.3248, 0.6027, 0.3519
Android (android.graphics.Color)	4294918932 (0xFFFF4314)
YUV	117.8540, -48.2420, 120.2770
Hunter-Lab	50.3238, 65.7803, 31.3811

Details

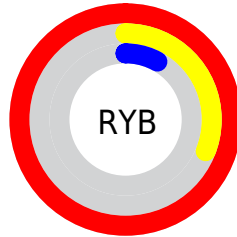
The XYZ color **43.3734, 25.3248, 3.2640** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **40.8913, 52.4744, 102.5803**, and the grayscale version is **17.2944, 18.1951, 19.8144**.

A 20% lighter version of the original color is **50.0654, 36.9332, 10.9686**, and **20.9863, 10.8188, 0.9821** 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 **45.1648, 28.3366, 5.6228**.

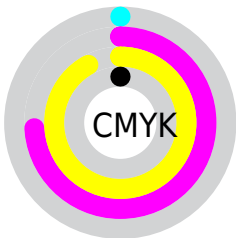
Distribution



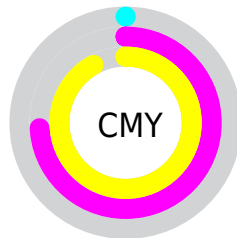
- Red (100%)
- Green (26%)
- Blue (8%)



- Red (100%)
- Yellow (31%)
- Blue (8%)



- Cyan (0%)
- Magenta (74%)
- Yellow (92%)
- Black (0%)





- Cyan (0%)
- Magenta (74%)
- Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3734, 25.3248, 3.2640 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 43.3734, 25.3248, 3.2640 by changing the saturation by 10% instead.


 43.3734, 25.3248,
3.2640


 43.3734, 25.3248,
3.2640


351.0407,
279.4516, 139.6551


 30.3740, 16.3192,
1.2310


 79.5262, 52.1837,
12.2732

 20.2721, 9.7503,
0.0042


 103.4104, 70.8057,
20.0865

 12.7024, 5.2337,
0.0000


 131.6535, 93.4020,
30.6635

 7.2995, 2.3850,
0.0000

 164.6209,
120.3570, 44.4230

 3.6981, 0.8182,
0.0000

 202.6779,
152.0551, 61.7833


 1.5328, 0.0000,
0.0000


 246.1900,


 0.3480, 0.0000,


188.8806, 83.1631


0.0000


 295.5225,
231.2180, 108.9808


 0.0000, 0.0000,
0.0000


 43.3734, 25.3248,
3.2640


 43.3734, 25.3248,
3.2640


 42.4240, 23.6286,
2.3248

 45.1648, 28.3366,
5.6228

 47.7198, 32.4002,
9.7005

 51.1208, 37.6069,
15.7525

 55.4383, 44.0363,
23.9911

 60.7350, 51.7609,
34.6007

67.0677, 60.8471,
47.7462

74.4891, 71.3570,
63.5776

83.0479, 83.3485,
82.2333

92.7899, 96.8765,
103.8422

Harmonies

Analogous

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



51.6262, 25.3248, 15.7831



43.3734, 25.3248, 3.2640



30.8317, 25.3248, 0.6200

Triad

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



43.3734, 25.3248, 3.2640



8.8072, 25.3248, 13.3362



29.3128, 25.3248, 141.3045

Complementary

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



43.3734, 25.3248, 3.2640



40.8913, 52.4744, 102.5803

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.



18.3778, 25.3248, 138.3384



43.3734, 25.3248, 3.2640



8.6289, 25.3248, 44.1309

Square

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



43.3734, 25.3248, 3.2640



12.1584, 25.3248, 2.6458



11.5605, 25.3248, 94.7489



41.9692, 25.3248, 101.1393

Rectangle

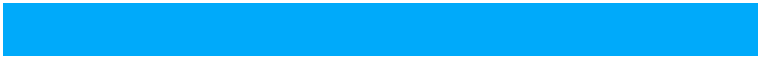
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.3734, 25.3248, 3.2640



22.8942, 25.3248, 0.3491



11.5605, 25.3248, 94.7489



25.2863, 25.3248, 145.8948

Sweetspot

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



43.3739, 25.3263, 3.2644



70.0174, 65.0390, 53.9913



52.8750, 26.3143, 61.9667



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.



43.3739, 25.3263, 3.2644



42.4244, 23.6288, 2.3248



58.6105, 55.7995, 8.3432



18.3036, 18.5753, 18.7650



22.2502, 12.5117, 1.2423



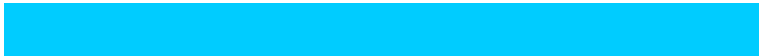
2.2389, 1.3632, 0.1451

Inverse Universe

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



40.8913, 52.4744, 102.5803



39.6397, 50.3995, 102.2466



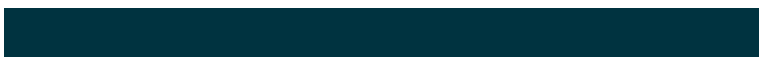
22.0370, 14.7660, 96.2956



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 43.3734, 25.3248, 3.2640 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 43.3734, 25.3248, 3.2640 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 43.3734, 25.3248, 3.2640

Background



This preview shows how black text looks on a background with the XYZ color 43.3734, 25.3248, 3.2640.



This preview shows how white text looks on a background with the XYZ color 43.3734, 25.3248,

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

43.3734, 25.3248, 3.2640

Protanopia

22.9559, 25.2855, 5.5044

Deuteranopia

25.5719, 25.2313, 3.5223



Tritanopia

44.0568, 25.3201, 7.7195

Trichromacy



Original Color

43.3734, 25.3248, 3.2640

Protanomaly

27.5274, 22.7636, 4.2393

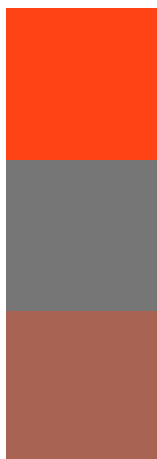
Deuteranomaly

30.0295, 23.4370, 3.1421

Tritanomaly

43.6847, 25.2623, 5.4794

Monochromacy



Original Color

43.3734, 25.3248, 3.2640

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

22.1333, 17.8577, 10.2630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3734, 25.3248, 3.2640 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, 67, 20)` looks like.

```
.text, #text, p{  
    color:rgb(255, 67, 20)  
}
```

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, 67, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 67, 20) }
```

Border

The CSS property to change the border of an element to XYZ 43.3734, 25.3248, 3.2640 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, 67, 20) }
```


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

```
.border{ border-color:rgb(255, 67, 20) }
```

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

Here you see how a box with a 4 pixel rgb(255, 67, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 67, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 67, 20);  
box-shadow:4px 4px 4px 4px rgb(255, 67,  
20) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3734, 25.3248, 3.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 67, 20) }
```

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

```
.background{ background-color: rgb(255, 67,  
20) }
```

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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