

Converting Colors

XYZ(43.7432, 25.2006, 6.0507)

Have a look what the booklet for
XYZ(43.7432, 25.2006, 6.0507)
contains.

XYZ(43.7393, 25.1931, 6.0475)	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(43.7393, 25.1931,
6.0475)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4036
RGB	255, 64, 54
RGB Percent	100%, 25%, 21%
CMY	0.0000, 0.7490, 0.7882
CMYK	0.00, 0.75, 0.79, 0.00
HSL	3°, 100%, 61%
HSV	3°, 79%, 100%
XYZ	43.7393, 25.1931, 6.0475
YIQ	119.9690, 117.0460, 37.3820

Conversions

Conversions Part 2

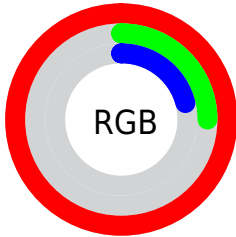
Format	Color
R_YB	255, 65, 54
Decimal	16728118
CIE Lab	57.26, 70.23, 50.01
CIE LCh	57, 86.219, 35.451
Yxy	25.1931, 0.5833, 0.3360
Android (android.graphics.Color)	4294918198 (0xFFFF4036)
YUV	119.9690, -32.5227, 118.4222
Hunter-Lab	50.1927, 67.7124, 27.9913

Details

The XYZ color **43.7393, 25.1931, 6.0475** 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 **52.2196, 73.3008, 106.0034**, and the grayscale version is **17.9190, 18.8522, 20.5301**.

A 20% lighter version of the original color is **50.9719, 36.8865, 17.0037**, and **21.0246, 10.8342, 1.1841** is the 20% darker color. If you saturate the color by 10%, you get **42.2070, 22.8492, 3.3161**, and if you desaturate by 10%, it is **46.1791, 28.8513, 10.6281**.

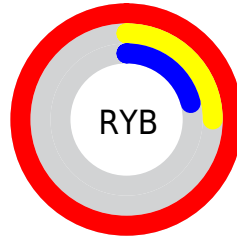
Distribution



Red (100%)

Green (25%)

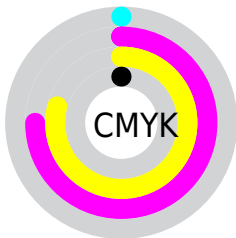
Blue (21%)



Red (100%)

Yellow (25%)

Blue (21%)

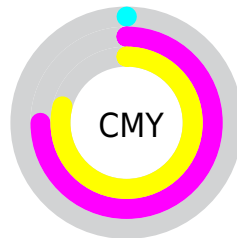


Cyan (0%)

Magenta (75%)

Yellow (79%)

Black (0%)



Cyan (0%)


Magenta (75%)


Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7393, 25.1931, 6.0475 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 43.7393, 25.1931, 6.0475 by changing the saturation by 10% instead.

 43.7393, 25.1931,
6.0475


 43.7393, 25.1931,
6.0475


352.5136,
278.7982, 168.8151


 30.6626, 16.2210,
2.8047


 80.0741, 51.9703,
18.5088


 20.4927, 9.6807,
0.9958


 104.0629, 70.5442,
28.5644

 12.8640, 5.1877,
0.0000


 132.4199, 93.0875,
41.7280

 7.4113, 2.3578,
0.0000

 165.5103,
119.9845, 58.4181

 3.7692, 0.8041,
0.0000

 203.6995,
151.6197, 79.0534

 1.5724, 0.0000,
0.0000

 247.3529,

 0.3743, 0.0000,

188.3775, 104.0523

0.0000

296.8358,
230.6422, 133.8333

■ 0.0000, 0.0000,
0.0000

■ 43.7393, 25.1931,
6.0475

■ 43.7393, 25.1931,
6.0475

■ 42.2070, 22.8492,
3.3161

■ 46.1791, 28.8513,
10.6281

■ 41.4350, 21.6240,
2.0762

■ 49.6362, 33.9729,
17.3062

■ 41.3799, 21.5402,
1.9767

■ 54.2063, 40.6921,
26.2932

■ 59.9737, 49.1264,
37.7743

■ 67.0147, 59.3825,
51.9159

■ 75.3991, 71.5584,
68.8702

■ 85.1917, 85.7449,
88.7777

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



49.2571, 25.1931, 22.4334



43.7393, 25.1931, 6.0475



33.0532, 25.1931, 1.4949

Triad

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



43.7393, 25.1931, 6.0475



10.1688, 25.1931, 10.0864



25.8572, 25.1931, 129.9475

Complementary

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



43.7393, 25.1931, 6.0475



52.2196, 73.3008, 106.0034

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.



16.6860, 25.1931, 116.8117



43.7393, 25.1931, 6.0475



9.2467, 25.1931, 33.1206

Square

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



43.7393, 25.1931, 6.0475



14.2758, 25.1931, 2.4005



11.2582, 25.1931, 74.6107



37.2177, 25.1931, 103.3460

Rectangle

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



43.7393, 25.1931, 6.0475



25.5347, 25.1931, 0.8936



11.2582, 25.1931, 74.6107



22.4232, 25.1931, 130.1651

Sweetspot

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



43.7399, 25.1946, 6.0479



70.8871, 65.0099, 59.7333



59.5488, 30.6942, 91.8367



14.5540, 13.0157, 11.5356



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.



43.7399, 25.1946, 6.0479



41.6548, 21.9759, 2.4187



54.6855, 47.0860, 9.6964



18.0819, 18.1321, 18.6912



21.6522, 11.3156, 1.0429



2.1326, 1.1506, 0.1097

Inverse Universe

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



52.2196, 73.3008, 106.0034



50.2426, 71.3641, 105.7343



30.1299, 29.1215, 98.6402



18.4728, 20.3171, 23.1979



26.1027, 37.1150, 55.2227



2.5644, 3.6595, 5.3845

Previews

White Background



This preview shows how the XYZ color 43.7393, 25.1931, 6.0475 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 43.7393, 25.1931, 6.0475 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 43.7393, 25.1931, 6.0475

Background



This preview shows how black text looks on a background with the XYZ color 43.7393, 25.1931, 6.0475.



This preview shows how white text looks on a background with the XYZ color 43.7393, 25.1931,

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

43.7393, 25.1931, 6.0475

Protanopia

23.3074, 25.3604, 10.3232

Deuteranopia

25.6997, 25.2568, 5.3542



Tritanopia

43.9716, 25.1967, 7.5469

Trichromacy



Original Color

43.7393, 25.1931, 6.0475

Protanomaly

27.6838, 22.5929, 8.2120

Deuteranomaly

30.3409, 23.3937, 5.2992

Tritanomaly

43.8598, 25.1519, 6.9580

Monochromacy



Original Color

43.7393, 25.1931, 6.0475

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

23.0307, 18.3939, 13.4029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7393, 25.1931, 6.0475 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, 64, 54)` looks like.

```
.text, #text, p{  
    color:rgb(255, 64, 54)  
}
```

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, 64, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 64, 54) }
```

Border

The CSS property to change the border of an element to XYZ 43.7393, 25.1931, 6.0475 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, 64, 54) }
```


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

```
.border{ border-color:rgb(255, 64, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 64, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 64, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 64, 54);  
box-shadow:4px 4px 4px 4px rgb(255, 64,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7393, 25.1931, 6.0475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 64, 54) }
```

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

```
.background{ background-color: rgb(255, 64,  
54) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor