

Converting Colors

XYZ(49.9461, 28.1121, 6.7898)

Have a look what the booklet for
XYZ(49.9461, 28.1121, 6.7898)
contains.

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Color

**XYZ(43.6725, 24.9030,
6.5079)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3D3A
RGB	255, 61, 58
RGB Percent	100%, 24%, 23%
CMY	0.0000, 0.7607, 0.7725
CMYK	0.00, 0.76, 0.77, 0.00
HSL	1°, 100%, 61%
HSV	1°, 77%, 100%
XYZ	43.6725, 24.9030, 6.5079
YIQ	118.6640, 116.5870, 40.1950

Conversions

Conversions Part 2

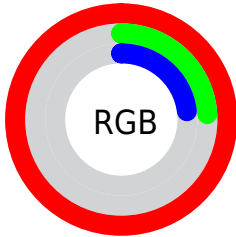
Format	Color
R_{YB}	255, 61, 58
Decimal	16727354
CIE Lab	56.98, 71.26, 47.63
CIE LCh	57, 85.709, 33.762
Yxy	24.9030, 0.5817, 0.3317
Android (android.graphics.Color)	4294917434 (0xFFFF3D3A)
YUV	118.6640, -29.9074, 119.5667
Hunter-Lab	49.9029, 68.8841, 27.2000

Details

The XYZ color **43.6725, 24.9030, 6.5079** 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 **54.6002, 77.7303, 106.7329**, and the grayscale version is **17.4961, 18.4073, 20.0455**.

A 20% lighter version of the original color is **50.9245, 36.4665, 17.9904**, and **21.0589, 10.8479, 1.3647** is the 20% darker color. If you saturate the color by 10%, you get **42.1353, 22.6230, 3.5483**, and if you desaturate by 10%, it is **46.1583, 28.5678, 11.3666**.

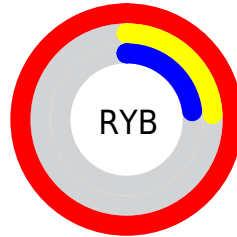
Distribution



Red (100%)

Green (24%)

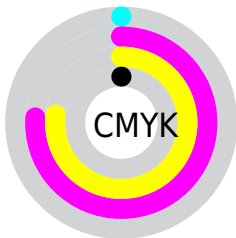
Blue (23%)



Red (100%)

Yellow (24%)

Blue (23%)

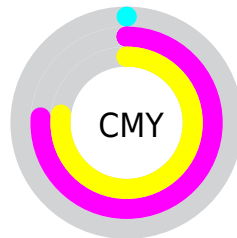


Cyan (0%)

Magenta (76%)

Yellow (77%)

Black (0%)



Cyan (0%)


Magenta (76%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6725, 24.9030, 6.5079 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 43.6725, 24.9030, 6.5079 by changing the saturation by 10% instead.

 43.6725, 24.9030,
6.5079


 43.6725, 24.9030,
6.5079

352.2450,
277.3545, 172.9825


 30.6099, 16.0048,
3.0826


 79.9741, 51.4998,
19.4719

 20.4524, 9.5276,
1.1369


 103.9439, 69.9672,
29.8476


 12.8345, 5.0869,
0.0000


 132.2801, 92.3932,
43.3772

 7.3909, 2.2983,
0.0000

 165.3480,
119.1620, 60.4793

 3.7562, 0.7728,
0.0000

 203.5132,
150.6582, 81.5723

 1.5652, 0.0000,
0.0000

 247.1408,

 0.3695, 0.0000,

187.2661, 107.0748

0.0000

296.5963,
229.3700, 137.4053

■ 0.0000, 0.0000,
0.0000

■ 43.6725, 24.9030,
6.5079

■ 43.6725, 24.9030,
6.5079

■ 42.1353, 22.6230,
3.5483

■ 46.1583, 28.5678,
11.3666

■ 41.3954, 21.5099,
2.1711

■ 49.7102, 33.7842,
18.3691

■ 41.2821, 21.3446,
1.9441

■ 54.4306, 40.7006,
27.7248

■ 60.4093, 49.4467,
39.6180

■ 67.7275, 60.1396,
54.2147

■ 76.4595, 72.8869,
71.6667

■ 86.6742, 87.7879,
92.1148

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



48.6995, 24.9030, 23.6401



43.6725, 24.9030, 6.5079



33.2949, 24.9030, 1.5964

Triad

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



43.6725, 24.9030, 6.5079



10.2114, 24.9030, 9.2549



24.9616, 24.9030, 128.4990

Complementary

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



43.6725, 24.9030, 6.5079



54.6002, 77.7303, 106.7329

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.



16.1050, 24.9030, 113.3643



43.6725, 24.9030, 6.5079



9.1370, 24.9030, 30.9150

Square

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



43.6725, 24.9030, 6.5079



14.4634, 24.9030, 2.2122



10.9533, 24.9030, 71.0354



36.1318, 24.9030, 104.1897

Rectangle

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



43.6725, 24.9030, 6.5079



25.8348, 24.9030, 0.9117



10.9533, 24.9030, 71.0354



21.6288, 24.9030, 127.9109

Sweetspot

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



43.6730, 24.9045, 6.5083



71.2662, 65.3066, 61.2830



60.8027, 31.5060, 97.4838



14.6073, 13.0342, 11.8254



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.



43.6730, 24.9045, 6.5083



41.6250, 21.8573, 2.5909



53.9760, 45.5104, 9.9426



18.0317, 18.0315, 18.6744



21.5806, 11.1724, 1.0191



2.1087, 1.1028, 0.1017

Inverse Universe

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



54.6002, 77.7303, 106.7329



52.9096, 76.5731, 106.5992



31.7674, 32.0645, 99.1219



18.5296, 20.4309, 23.2169



27.4838, 39.8771, 55.6831



2.6833, 3.8974, 5.4241

Previews

White Background



This preview shows how the XYZ color 43.6725, 24.9030, 6.5079 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 43.6725, 24.9030, 6.5079 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 43.6725, 24.9030, 6.5079

Background



This preview shows how black text looks on a background with the XYZ color 43.6725, 24.9030, 6.5079.



This preview shows how white text looks on a background with the XYZ color 43.6725, 24.9030,

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

43.6725, 24.9030, 6.5079

Protanopia

23.0085, 24.9694, 11.3915

Deuteranopia

25.4505, 24.9178, 5.8511



Tritanopia

43.7782, 24.9453, 7.0650

Trichromacy



Original Color

43.6725, 24.9030, 6.5079

Protanomaly

27.4103, 22.1097, 9.1262

Deuteranomaly

29.9631, 22.8815, 5.7431

Tritanomaly

43.7510, 24.9344, 6.9218

Monochromacy



Original Color

43.6725, 24.9030, 6.5079

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

22.6738, 17.9233, 13.5738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6725, 24.9030, 6.5079 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, 61, 58)` looks like.

```
.text, #text, p{  
    color:rgb(255, 61, 58)  
}
```

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, 61, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 61, 58) }
```

Border

The CSS property to change the border of an element to XYZ 43.6725, 24.9030, 6.5079 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, 61, 58) }
```


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

```
.border{ border-color:rgb(255, 61, 58) }
```

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

Here you see how a box with a 4 pixel rgb(255, 61, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 61, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 61, 58);  
box-shadow:4px 4px 4px 4px rgb(255, 61,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6725, 24.9030, 6.5079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 61, 58) }
```

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

```
.background{ background-color: rgb(255, 61,  
58) }
```

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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