

Converting Colors

XYZ(43.2065, 24.0114, 6.2283)

Have a look what the booklet for
XYZ(43.2065, 24.0114, 6.2283)
contains.

XYZ(43.2065, 24.0114, 6.2283)	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(43.2065, 24.0114,
6.2283)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3439
RGB	255, 52, 57
RGB Percent	100%, 20%, 22%
CMY	0.0000, 0.7960, 0.7765
CMYK	0.00, 0.80, 0.78, 0.00
HSL	359°, 100%, 60%
HSV	359°, 80%, 100%
XYZ	43.2065, 24.0114, 6.2283
YIQ	113.2670, 119.3830, 44.5910

Conversions

Conversions Part 2

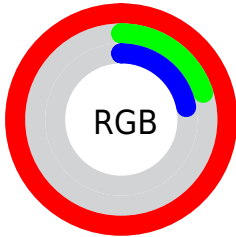
Format	Color
R_{YB}	255, 52, 57
Decimal	16725049
CIE Lab	56.10, 73.68, 47.25
CIE LCh	56, 87.526, 32.671
Yxy	24.0114, 0.5883, 0.3269
Android (android.graphics.Color)	4294915129 (0xFFFF3439)
YUV	113.2670, -27.7396, 124.2998
Hunter-Lab	49.0014, 71.6380, 26.7650

Details

The XYZ color **43.2065, 24.0114, 6.2283** 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 **54.4348, 79.1532, 102.8656**, and the grayscale version is **15.8328, 16.6573, 18.1398**.

A 20% lighter version of the original color is **50.1511, 35.0025, 17.4775**, and **21.0589, 10.8479, 1.3647** is the 20% darker color. If you saturate the color by 10%, you get **41.8831, 22.1268, 3.4389**, and if you desaturate by 10%, it is **45.4482, 27.2477, 10.8216**.

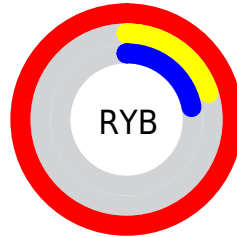
Distribution



Red (100%)

Green (20%)

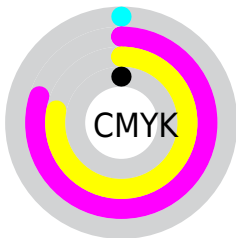
Blue (22%)



Red (100%)

Yellow (20%)

Blue (22%)

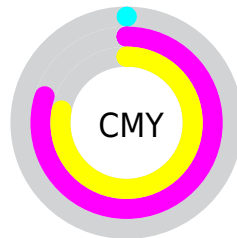


Cyan (0%)

Magenta (80%)

Yellow (78%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2065, 24.0114, 6.2283 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 43.2065, 24.0114, 6.2283 by changing the saturation by 10% instead.


 43.2065, 24.0114,
6.2283


 43.2065, 24.0114,
6.2283


350.3674,
272.8781, 170.4679


 30.2424, 15.3421,
2.9134


 79.2762, 50.0488,
18.8887


 20.1716, 9.0598,
1.0506


 103.1124, 68.1857,
29.0713


 12.6289, 4.7802,
0.0000


 131.3034, 90.2472,
42.3802

 7.2487, 2.1189,
0.0000

 164.2146,
116.6177, 59.2339

 3.6658, 0.6752,
0.0000

 202.2112,
147.6817, 80.0510

 1.5149, 0.0000,
0.0000

 245.6586,

 0.3359, 0.0000,

183.8235, 105.2500

0.0000

294.9223,
225.4275, 135.2495

■ 0.0000, 0.0000,
0.0000

■ 43.2065, 24.0114,
6.2283

■ 43.2065, 24.0114,
6.2283

■ 41.8831, 22.1268,
3.4389

■ 45.4482, 27.2477,
10.8216

■ 41.2905, 21.2978,
2.1429

■ 48.7324, 32.0202,
17.4527

■ 41.2740, 21.2736,
2.1106

■ 53.1657, 38.4893,
26.3217

■ 58.8412, 46.7942,
37.6043

■ 65.8424, 57.0595,
51.4590

■ 74.2456, 69.3992,
68.0307

■ 84.1214, 83.9183,
87.4534

95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



48.0113, 24.0114, 23.6541



43.2065, 24.0114, 6.2283



32.8688, 24.0114, 1.3730

Triad

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



43.2065, 24.0114, 6.2283



9.6201, 24.0114, 8.1033



23.7327, 24.0114, 129.2049

Complementary

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



43.2065, 24.0114, 6.2283



54.4348, 79.1532, 102.8656

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.



15.0647, 24.0114, 112.2924



43.2065, 24.0114, 6.2283



8.4710, 24.0114, 28.8035

Square

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



43.2065, 24.0114, 6.2283



13.9152, 24.0114, 1.7665



10.1343, 24.0114, 68.7222



34.8942, 24.0114, 105.6280

Rectangle

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



43.2065, 24.0114, 6.2283



25.3713, 24.0114, 0.6930



10.1343, 24.0114, 68.7222



20.4497, 24.0114, 128.0734

Sweetspot

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



43.2070, 24.0129, 6.2286



70.3718, 63.7084, 60.3970



58.0728, 29.6767, 97.2744



14.4347, 12.7145, 11.6890



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.



43.2070, 24.0129, 6.2286



41.4458, 21.5195, 2.4677



52.2537, 42.2955, 8.6608



18.0275, 17.9943, 18.7617



21.5745, 11.1191, 1.1439



2.1067, 1.0851, 0.1433

Inverse Universe

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



43.2070, 24.0129, 6.2286



41.4458, 21.5195, 2.4677



32.0855, 33.1875, 99.3218



18.0275, 17.9943, 18.7617



21.5745, 11.1191, 1.1439



2.1067, 1.0851, 0.1433

Previews

White Background



This preview shows how the XYZ color 43.2065, 24.0114, 6.2283 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 43.2065, 24.0114, 6.2283 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 43.2065, 24.0114, 6.2283

Background



This preview shows how black text looks on a background with the XYZ color 43.2065, 24.0114, 6.2283.



This preview shows how white text looks on a background with the XYZ color 43.2065, 24.0114,

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

43.2065, 24.0114, 6.2283

Protanopia

22.1818, 24.1251, 11.2721

Deuteranopia

24.4993, 24.0405, 5.5395



Tritanopia

43.1557, 24.0632, 5.7383

Trichromacy



Original Color

43.2065, 24.0114, 6.2283

Protanomaly

26.4710, 21.0101, 8.7911

Deuteranomaly

28.8897, 21.5989, 5.3357

Tritanomaly

43.1790, 24.0725, 5.8607

Monochromacy



Original Color

43.2065, 24.0114, 6.2283

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

21.2339, 16.2718, 12.3775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2065, 24.0114, 6.2283 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, 52, 57)` looks like.

```
.text, #text, p{  
    color:rgb(255, 52, 57)  
}
```

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, 52, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 52, 57) }
```

Border

The CSS property to change the border of an element to XYZ 43.2065, 24.0114, 6.2283 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, 52, 57) }
```


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

```
.border{ border-color:rgb(255, 52, 57) }
```

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

Here you see how a box with a 4 pixel rgb(255, 52, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 52, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 52, 57);  
box-shadow:4px 4px 4px 4px rgb(255, 52,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2065, 24.0114, 6.2283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 52, 57) }
```

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

```
.background{ background-color: rgb(255, 52,  
57) }
```

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