

Converting Colors

XYZ(24.3197, 15.3513, 6.5719)

Have a look what the booklet for
XYZ(24.3197, 15.3513, 6.5719)
contains.

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Color

**XYZ(24.3595, 15.3430,
6.5281)**

Conversions

Conversions Part 1

Format	Color
Hex	BF4240
RGB	191, 66, 64
RGB Percent	75%, 26%, 25%
CMY	0.2510, 0.7411, 0.7490
CMYK	0.00, 0.65, 0.66, 0.25
HSL	1°, 50%, 50%
HSV	1°, 66%, 75%
XYZ	24.3595, 15.3430, 6.5281
YIQ	103.1470, 75.1420, 25.8780

Conversions

Conversions Part 2

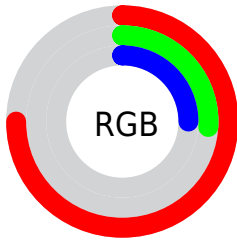
Format	Color
RYB	191, 66, 64
Decimal	12534336
CIELab	46.10, 49.93, 28.79
CIElCh	46, 57.633, 29.972
Yxy	15.3430, 0.5269, 0.3319
Android (android.graphics.Color)	4290724416 (0xFFBF4240)
YUV	103.1470, -19.2995, 77.0471
Hunter-Lab	39.1701, 42.4595, 17.5378

Details

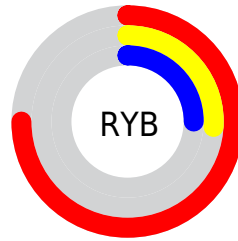
The XYZ color **24.3595, 15.3430, 6.5281** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **29.7141, 41.2432, 55.6845**, and the grayscale version is **12.9674, 13.6427, 14.8569**.

A 20% lighter version of the original color is **50.1491, 35.4854, 19.5355**, and **9.4954, 4.8794, 1.1508** is the 20% darker color. If you saturate the color by 10%, you get **22.9824, 13.3149, 3.8313**, and if you desaturate by 10%, it is **26.2842, 18.1689, 10.3256**.

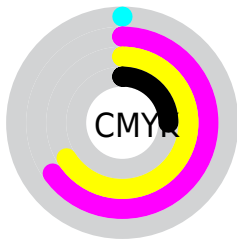
Distribution



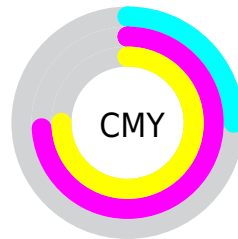
- Red (75%)
- Green (26%)
- Blue (25%)



- Red (75%)
- Yellow (26%)
- Blue (25%)



- Cyan (0%)
- Magenta (65%)
- Yellow (66%)
- Black (25%)





- Cyan (25%)
- Magenta (74%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3595, 15.3430, 6.5281 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 24.3595, 15.3430, 6.5281 by changing the saturation by 10% instead.


 24.3595, 15.3430,
6.5281


 24.3595, 15.3430,
6.5281


267.0399,
225.4330, 173.1622


 15.7267, 9.0605,
3.0948


 50.0666, 35.4538,
19.5138


 9.4206, 4.7806,
1.1433


 67.8717, 50.0508,
29.9034

 5.0758, 2.1191,
0.0000

 89.4648, 68.1882,
43.4488

 2.3270, 0.6754,
0.0000

 115.2115, 90.2502,
60.5685

 0.8084, 0.0000,
0.0000

 145.4769,
116.6213, 81.6812

 0.0000, 0.0000,
0.0000

 180.6266,

147.6859, 107.2054

221.0258,
183.8283, 137.5595

■ 24.3595, 15.3430,
6.5281

■ 24.3595, 15.3430,
6.5281

■ 22.9824, 13.3149,
3.8313

■ 26.2842, 18.1689,
10.3256

■ 22.0951, 12.0002,
2.1174

■ 28.8045, 21.8608,
15.3240

■ 21.6268, 11.2997,
1.2336

■ 31.9644, 26.4822,
21.6128

■ 21.5185, 11.1418,
1.0164

■ 35.8034, 32.0905,
29.2731

■ 40.3578, 38.7380,
38.3791

■ 45.6613, 46.4735,
48.9999

■ 51.7457, 55.3427,
61.1999

■ 58.6406, 65.3887,
75.0401

■ 66.3744, 76.6524,
90.5780

Harmonies

Analogous

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



26.1763, 15.3430, 16.7191



24.3595, 15.3430, 6.5281



19.8229, 15.3430, 2.5435

Triad

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



24.3595, 15.3430, 6.5281



7.8535, 15.3430, 6.5159



14.5785, 15.3430, 60.8091

Complementary

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



24.3595, 15.3430, 6.5281



29.7141, 41.2432, 55.6845

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.



10.3589, 15.3430, 52.6374



24.3595, 15.3430, 6.5281



7.0461, 15.3430, 16.6928

Square

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



24.3595, 15.3430, 6.5281



10.3653, 15.3430, 2.5398



7.8505, 15.3430, 34.1319



19.8132, 15.3430, 52.6657

Rectangle

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



24.3595, 15.3430, 6.5281



16.2855, 15.3430, 1.7339



7.8505, 15.3430, 34.1319



13.0036, 15.3430, 59.8391

Sweetspot

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



24.3599, 15.3439, 6.5283



69.0063, 64.6010, 62.1858



32.7231, 18.5047, 51.1370



14.6456, 13.4449, 12.6406



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.3599, 15.3439, 6.5283



40.3005, 22.5733, 5.1910



30.0653, 26.7547, 8.4302



9.5419, 9.5599, 9.9190



14.1474, 7.3335, 0.6699



0.5584, 0.2956, 0.0276

Inverse Universe

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



29.7141, 41.2432, 55.6845



50.5494, 72.2367, 99.5580



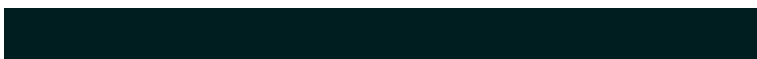
19.1724, 20.1598, 52.1706



9.7953, 10.7829, 12.2373



18.0017, 26.1152, 36.4848



0.7093, 1.0313, 1.4305

Previews

White Background



This preview shows how the XYZ color 24.3595, 15.3430, 6.5281 looks on a white 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

Black Background



This preview shows how the XYZ color 24.3595, 15.3430, 6.5281 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.3595, 15.3430, 6.5281

Background



This preview shows how black text looks on a background with the XYZ color 24.3595, 15.3430, 6.5281.



This preview shows how white text looks on a background with the XYZ color 24.3595, 15.3430,

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

24.3595, 15.3430, 6.5281

Protanopia

14.5323, 15.5975, 10.0293

Deuteranopia

15.7818, 15.5495, 6.0405



Tritanopia

24.4503, 15.2866, 7.2922

Trichromacy



Original Color

24.3595, 15.3430, 6.5281

Protanomaly

16.9498, 14.5331, 8.5684

Deuteranomaly

18.0743, 14.7770, 6.1746

Tritanomaly

24.3893, 15.2622, 6.9706

Monochromacy



Original Color

24.3595, 15.3430, 6.5281

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

15.4510, 13.1845, 11.1817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3595, 15.3430, 6.5281 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(191, 66, 64)` looks like.

```
.text, #text, p{  
    color:rgb(191, 66, 64)  
}
```

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(191, 66, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 66, 64) }
```

Border

The CSS property to change the border of an element to XYZ 24.3595, 15.3430, 6.5281 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(191, 66, 64) }
```


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

```
.border{ border-color:rgb(191, 66, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 66, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 66, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 66, 64);  
box-shadow:4px 4px 4px 4px rgb(191, 66,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3595, 15.3430, 6.5281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 66, 64) }
```

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

```
.background{ background-color: rgb(191, 66,  
64) }
```

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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