

Converting Colors

XYZ(24.2901, 14.4575, 5.0998)

Have a look what the booklet for
XYZ(24.2901, 14.4575, 5.0998)
contains.

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Color

**XYZ(24.3039, 14.4775,
5.1279)**

Conversions

Conversions Part 1

Format	Color
Hex	C23737
RGB	194, 55, 55
RGB Percent	76%, 22%, 22%
CMY	0.2392, 0.7843, 0.7843
CMYK	0.00, 0.72, 0.72, 0.24
HSL	0°, 56%, 49%
HSV	0°, 72%, 76%
XYZ	24.3039, 14.4775, 5.1279
YIQ	96.5610, 82.8440, 29.4680

Conversions

Conversions Part 2

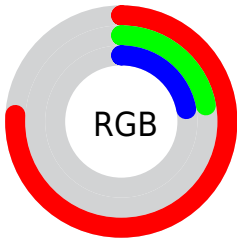
Format	Color
RYB	194, 55, 55
Decimal	12728119
CIELab	44.91, 54.81, 32.79
CIELCh	45, 63.874, 30.889
Yxy	14.4775, 0.5535, 0.3297
Android (android.graphics.Color)	4290918199 (0xFFC23737)
YUV	96.5610, -20.4896, 85.4540
Hunter-Lab	38.0493, 47.4301, 18.6440

Details

The XYZ color **24.3039, 14.4775, 5.1279** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **30.6029, 43.2868, 57.7809**, and the grayscale version is **11.2899, 11.8778, 12.9350**.

A 20% lighter version of the original color is **49.3227, 33.5882, 16.4539**, and **9.7392, 5.0131, 0.8021** is the 20% darker color. If you saturate the color by 10%, you get **23.1795, 12.8325, 2.8925**, and if you desaturate by 10%, it is **25.9737, 16.9213, 8.4467**.

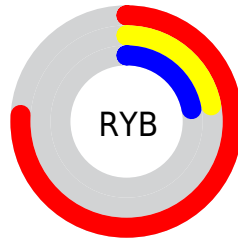
Distribution



Red (76%)

Green (22%)

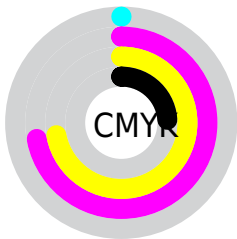
Blue (22%)



Red (76%)

Yellow (22%)

Blue (22%)

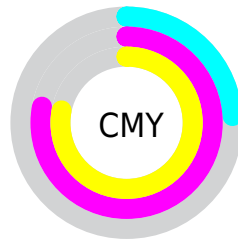


Cyan (0%)

Magenta (72%)

Yellow (72%)

Black (24%)



Cyan (24%)


Magenta (78%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.3039, 14.4775, 5.1279 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 24.3039, 14.4775, 5.1279 by changing the saturation by 10% instead.


 24.3039, 14.4775,
5.1279


 24.3039, 14.4775,
5.1279


266.7654,
220.1815, 160.0401


 15.6852, 8.4535,
2.2625


 49.9767, 33.9339,
16.5372


 9.3911, 4.3865,
0.7101


 67.7616, 48.1351,
25.9182


 5.0563, 1.8920,
0.0000

 89.3324, 65.8309,
38.3081

 2.3154, 0.5436,
0.0000

 115.0548, 87.4056,
54.1254

 0.8025, 0.0000,
0.0000

 145.2938,
113.2436, 73.7887

 0.0000, 0.0000,
0.0000

 180.4151,

143.7293, 97.7166

220.7838,
179.2471, 126.3275

■ 24.3039, 14.4775,
5.1279

■ 24.3039, 14.4775,
5.1279

■ 23.1795, 12.8325,
2.8925

■ 25.9737, 16.9213,
8.4467

■ 22.5315, 11.8842,
1.6044

■ 28.2450, 20.2449,
12.9618

■ 22.2481, 11.4695,
1.0412

■ 31.1680, 24.5222,
18.7725

■ 34.7875, 29.8186,
25.9679

■ 39.1442, 36.1937,
34.6288

■ 44.2758, 43.7026,
44.8303

■ 50.2173, 52.3967,
56.6418

■ 57.0016, 62.3240,
70.1290

■ 64.6598, 73.5301,
85.3536

Harmonies

Analogous

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



26.4435, 14.4775, 15.3212



24.3039, 14.4775, 5.1279



19.2476, 14.4775, 1.6221

Triad

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



24.3039, 14.4775, 5.1279



6.7187, 14.4775, 5.5025



13.9169, 14.4775, 65.5595

Complementary

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



24.3039, 14.4775, 5.1279



30.6029, 43.2868, 57.7809

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.



9.4299, 14.4775, 56.6131



24.3039, 14.4775, 5.1279



5.9631, 14.4775, 16.2143

Square

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



24.3039, 14.4775, 5.1279



9.2215, 14.4775, 1.7221



6.8159, 14.4775, 35.6210



19.5873, 14.4775, 55.5724

Rectangle

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



24.3039, 14.4775, 5.1279



15.4127, 14.4775, 1.0047



6.8159, 14.4775, 35.6210



12.2306, 14.4775, 64.6344

Sweetspot

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



24.3042, 14.4784, 5.1281



71.1920, 65.9724, 63.2800



33.3518, 18.0967, 52.7738



15.0701, 13.6860, 12.8234



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.



24.3042, 14.4784, 5.1281



41.2281, 22.1261, 3.7147



30.2081, 26.2861, 7.0961



10.0733, 10.0780, 10.4762



14.6276, 7.5410, 0.6846



0.6320, 0.3259, 0.0296

Inverse Universe

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



30.6029, 43.2868, 57.7809



53.2946, 77.3155, 104.5843



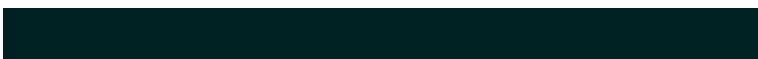
18.5836, 19.2482, 53.7745



10.3685, 11.4284, 12.9442



19.0842, 27.9250, 37.9408



0.8246, 1.2066, 1.6393

Previews

White Background



This preview shows how the XYZ color 24.3039, 14.4775, 5.1279 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



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 24.3039, 14.4775, 5.1279

Background



This preview shows how black text looks on a background with the XYZ color 24.3039, 14.4775, 5.1279.



This preview shows how white text looks on a background with the XYZ color 24.3039, 14.4775,

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

24.3039, 14.4775, 5.1279

Protanopia

13.6628, 14.7094, 8.4224

Deuteranopia

14.9373, 14.6945, 4.7384



Tritanopia

24.3528, 14.4971, 5.3856

Trichromacy



Original Color

24.3039, 14.4775, 5.1279

Protanomaly

15.9747, 13.3021, 6.8799

Deuteranomaly

17.3418, 13.6959, 4.7472

Tritanomaly

24.3281, 14.4872, 5.2555

Monochromacy



Original Color

24.3039, 14.4775, 5.1279

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

14.0560, 11.5493, 9.4711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3039, 14.4775, 5.1279 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(194, 55, 55)` looks like.

```
.text, #text, p{  
    color:rgb(194, 55, 55)  
}
```

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(194, 55, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 55, 55) }
```

Border

The CSS property to change the border of an element to XYZ 24.3039, 14.4775, 5.1279 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(194, 55, 55) }
```


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

```
.border{ border-color:rgb(194, 55, 55) }
```

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

Here you see how a box with a 4 pixel rgb(194, 55, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 55, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 55, 55);  
box-shadow:4px 4px 4px 4px rgb(194, 55,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3039, 14.4775, 5.1279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 55, 55) }
```

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

```
.background{ background-color: rgb(194, 55,  
55) }
```

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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