

Converting Colors

XYZ(24.2399, 14.8180, 8.2160)

Have a look what the booklet for
XYZ(24.2399, 14.8180, 8.2160)
contains.

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Color

**XYZ(24.1739, 14.7926,
8.2378)**

Conversions

Conversions Part 1

Format	Color
Hex	BE3D4B
RGB	190, 61, 75
RGB Percent	75%, 24%, 29%
CMY	0.2549, 0.7608, 0.7059
CMYK	0.00, 0.68, 0.61, 0.25
HSL	353°, 51%, 49%
HSV	353°, 68%, 75%
XYZ	24.1739, 14.7926, 8.2378
YIQ	101.1670, 72.3900, 31.7020

Conversions

Conversions Part 2

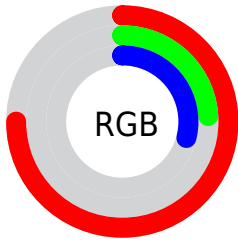
Format	Color
RYB	190, 61, 75
Decimal	12467531
CIELab	45.35, 52.36, 21.18
CIELCh	45, 56.480, 22.030
Yxy	14.7926, 0.5121, 0.3134
Android (android.graphics.Color)	4290657611 (0xFFBE3D4B)
YUV	101.1670, -12.9003, 77.9065
Hunter-Lab	38.4611, 44.8852, 14.2238

Details

The XYZ color **24.1739, 14.7926, 8.2378** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **28.1754, 40.9539, 47.4977**, and the grayscale version is **12.4327, 13.0802, 14.2443**.

A 20% lighter version of the original color is **49.6671, 34.4552, 23.1016**, and **9.4532, 4.8448, 1.7332** is the 20% darker color. If you saturate the color by 10%, you get **22.8286, 12.9097, 5.2999**, and if you desaturate by 10%, it is **26.0334, 17.4572, 12.1089**.

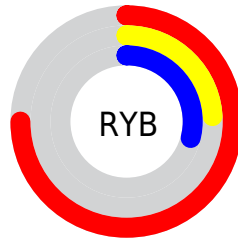
Distribution



Red (75%)

Green (24%)

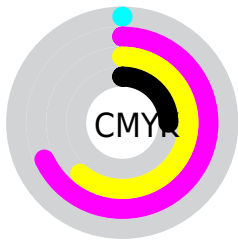
Blue (29%)



Red (75%)

Yellow (24%)

Blue (29%)

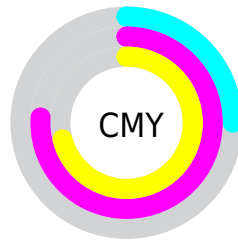


Cyan (0%)

Magenta (68%)

Yellow (61%)

Black (25%)



Cyan (25%)


Magenta (76%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1739, 14.7926, 8.2378 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 24.1739, 14.7926, 8.2378 by changing the saturation by 10% instead.

 24.1739, 14.7926,
8.2378


 24.1739, 14.7926,
8.2378


266.1227,
222.1074, 187.5892


 15.5881, 8.6740,
4.1575


 49.7664, 34.4889,
22.9771


 9.3222, 4.5291,
1.7122


 67.5039, 48.8354,
34.4733


 5.0107, 1.9737,
0.3690

 89.0226, 66.6933,
49.2785

 2.2884, 0.5921,
0.0000

 114.6880, 88.4469,
67.8113

 0.7887, 0.0000,
0.0000

 144.8653,
114.4808, 90.4902

 0.0000, 0.0000,
0.0000

179.9199,

145.1792, 117.7338

220.2173,
180.9266, 149.9606

■ 24.1739, 14.7926,
8.2378

■ 24.1739, 14.7926,
8.2378

■ 22.8286, 12.9097,
5.2999

■ 26.0334, 17.4572,
12.1089

■ 21.9440, 11.7211,
3.2149

■ 28.4514, 20.9738,
16.9825

■ 21.4453, 11.1008,
1.8866

■ 31.4685, 25.4075,
22.9225

■ 21.3668, 10.9998,
1.6877

■ 35.1213, 30.8164,
29.9870

■ 39.4434, 37.2541,
38.2299

■ 44.4659, 44.7698,
47.7018

■ 50.2183, 53.4100,
58.4502

■ 56.7280, 63.2182,
70.5201

■ 64.0213, 74.2356,
83.9543

Harmonies

Analogous

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



25.0023, 14.7926, 19.9557



24.1739, 14.7926, 8.2378



20.3631, 14.7926, 3.1273

Triad

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



24.1739, 14.7926, 8.2378



8.0865, 14.7926, 4.8763



12.8473, 14.7926, 57.5528

Complementary

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



24.1739, 14.7926, 8.2378



28.1754, 40.9539, 47.4977

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.



9.2135, 14.7926, 46.2099



24.1739, 14.7926, 8.2378



6.8920, 14.7926, 12.7873

Square

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



24.1739, 14.7926, 8.2378



10.9442, 14.7926, 2.0745



7.2530, 14.7926, 27.8520



17.7171, 14.7926, 53.8164

Rectangle

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



24.1739, 14.7926, 8.2378



17.0266, 14.7926, 1.9192



7.2530, 14.7926, 27.8520



11.4595, 14.7926, 55.2255

Sweetspot

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



24.1743, 14.7934, 8.2380



69.4569, 64.4947, 65.4419



28.6314, 16.1643, 50.3258



14.7537, 13.4197, 13.4212



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.



24.1743, 14.7934, 8.2380



40.5635, 22.2969, 7.7522



27.7027, 22.5343, 7.3055



9.5711, 9.5527, 10.1305



14.2226, 7.3202, 1.1998



0.5713, 0.2924, 0.1216

Inverse Universe

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



24.1743, 14.7934, 8.2380



40.5635, 22.2969, 7.7522



20.6782, 23.6282, 52.1857



9.5711, 9.5527, 10.1305



14.2226, 7.3202, 1.1998



0.5713, 0.2924, 0.1216

Previews

White Background



This preview shows how the XYZ color 24.1739, 14.7926, 8.2378 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 24.1739, 14.7926, 8.2378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

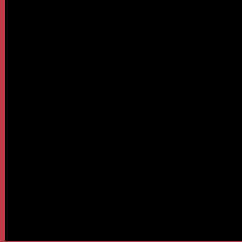
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.1739, 14.7926, 8.2378

Background



This preview shows how black text looks on a background with the XYZ color 24.1739, 14.7926, 8.2378.

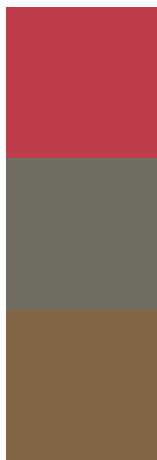


This preview shows how white text looks on a background with the XYZ color 24.1739, 14.7926,

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

24.1739, 14.7926, 8.2378

Protanopia

14.2839, 15.0804, 13.2243

Deuteranopia

15.1303, 14.8760, 7.7041



Tritanopia

23.9961, 14.8955, 6.7646

Trichromacy



Original Color

24.1739, 14.7926, 8.2378

Protanomaly

16.4870, 13.8495, 11.0368

Deuteranomaly

17.5759, 14.1098, 7.7583

Tritanomaly

24.0320, 14.8221, 7.2245

Monochromacy



Original Color

24.1739, 14.7926, 8.2378

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

14.9324, 12.4148, 11.7345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1739, 14.7926, 8.2378 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(190, 61, 75)` looks like.

```
.text, #text, p{  
    color:rgb(190, 61, 75)  
}
```

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(190, 61, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 61, 75) }
```

Border

The CSS property to change the border of an element to XYZ 24.1739, 14.7926, 8.2378 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(190, 61, 75) }
```


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

```
.border{ border-color:rgb(190, 61, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 61, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 61, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 61, 75);  
box-shadow:4px 4px 4px 4px rgb(190, 61,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1739, 14.7926, 8.2378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 61, 75) }
```

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

```
.background{ background-color: rgb(190, 61,  
75) }
```

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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