

Converting Colors

XYZ(24.1285, 13.5248, 8.2526)

Have a look what the booklet for
XYZ(24.1285, 13.5248, 8.2526)
contains.

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Color

**XYZ(24.1248, 13.5152,
8.1747)**

Conversions

Conversions Part 1

Format	Color
Hex	C12A4C
RGB	193, 42, 76
RGB Percent	76%, 16%, 30%
CMY	0.2431, 0.8352, 0.7020
CMYK	0.00, 0.78, 0.61, 0.24
HSL	346°, 64%, 46%
HSV	346°, 78%, 76%
XYZ	24.1248, 13.5152, 8.1747
YIQ	91.0250, 79.0820, 42.5860

Conversions

Conversions Part 2

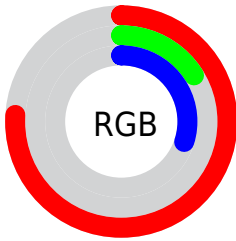
Format	Color
R _Y B	193, 42, 76
Decimal	12659276
CIE Lab	43.53, 59.98, 18.26
CIE LCh	44, 62.703, 16.935
Yxy	13.5152, 0.5266, 0.2950
Android (android.graphics.Color)	4290849356 (0xFFC12A4C)
YUV	91.0250, -7.4073, 89.4321
Hunter-Lab	36.7630, 52.8008, 12.5503

Details

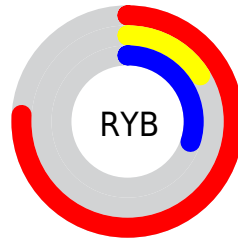
The XYZ color **24.1248, 13.5152, 8.1747** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **26.2842, 41.1358, 39.3606**, and the grayscale version is **9.9545, 10.4729, 11.4050**.

A 20% lighter version of the original color is **49.6930, 32.2434, 23.0065**, and **9.7902, 5.0153, 1.8909** is the 20% darker color. If you saturate the color by 10%, you get **23.1364, 12.2762, 5.5714**, and if you desaturate by 10%, it is **25.5641, 15.4629, 11.5248**.

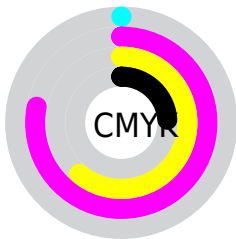
Distribution



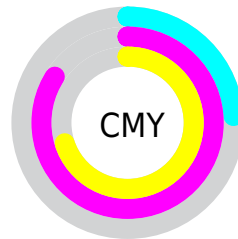
- Red (76%)
- Green (16%)
- Blue (30%)



- Red (76%)
- Yellow (16%)
- Blue (30%)



- Cyan (0%)
- Magenta (78%)
- Yellow (61%)
- Black (24%)





- Cyan (24%)
- Magenta (84%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1248, 13.5152, 8.1747 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 24.1248, 13.5152, 8.1747 by changing the saturation by 10% instead.


 24.1248, 13.5152,
8.1747


 24.1248, 13.5152,
8.1747

265.8796,
214.1936, 187.0814


 15.5515, 7.7843,
4.1176


 49.6870, 32.2263,
22.8520


 9.2961, 3.9572,
1.6901


 67.4065, 45.9753,
34.3093

 4.9935, 1.6497,
0.3539


 88.9055, 63.1657,
49.0703

 2.2782, 0.3907,
0.0000

 114.5493, 84.1820,
67.5537

 0.7835, 0.0000,
0.0000

 144.7032,
109.4085, 90.1780

 0.0000, 0.0000,
0.0000

 179.7327,

139.2297, 117.3617

220.0030,
174.0300, 149.5233

■ 24.1248, 13.5152,
8.1747

■ 24.1248, 13.5152,
8.1747

■ 23.1364, 12.2762,
5.5714

■ 25.5641, 15.4629,
11.5248

■ 22.5242, 11.6094,
3.6478

■ 27.5028, 18.2035,
15.6756

■ 22.4365, 11.5151,
3.3687

■ 29.9840, 21.8121,
20.6762

■ 33.0456, 26.3541,
26.5715

■ 36.7222, 31.8887,
33.4032

■ 41.0454, 38.4704,
41.2103

■ 46.0450, 46.1493,
50.0294

■ 51.7484, 54.9726,
59.8955

■ 58.1819, 64.9846,
70.8416

Harmonies

Analogous

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



24.3762, 13.5152, 21.6932



24.1248, 13.5152, 8.1747



20.4088, 13.5152, 2.4977

Triad

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



24.1248, 13.5152, 8.1747



7.1209, 13.5152, 2.9137



10.8324, 13.5152, 59.7241

Complementary

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



24.1248, 13.5152, 8.1747



26.2842, 41.1358, 39.3606

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.



7.4287, 13.5152, 44.5226



24.1248, 13.5152, 8.1747



5.6827, 13.5152, 9.4222

Square

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



24.1248, 13.5152, 8.1747



10.2933, 13.5152, 1.0562



5.7788, 13.5152, 24.0529



15.7888, 13.5152, 58.5326

Rectangle

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



24.1248, 13.5152, 8.1747



16.8997, 13.5152, 1.2358



5.7788, 13.5152, 24.0529



9.4983, 13.5152, 56.0911

Sweetspot

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



24.1251, 13.5160, 8.1749



69.3943, 62.6161, 66.4153



24.5092, 12.7527, 51.6216



14.3003, 12.5413, 13.1826



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.



24.1251, 13.5160, 8.1749



40.5988, 21.0628, 7.3743



25.4484, 17.5809, 4.2438



10.1640, 10.1142, 10.9541



14.9484, 7.6691, 2.3746



0.6729, 0.3422, 0.2449

Inverse Universe

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



24.1251, 13.5160, 8.1749



40.5988, 21.0628, 7.3743



21.9290, 27.0389, 54.5151



10.1640, 10.1142, 10.9541



14.9484, 7.6691, 2.3746



0.6729, 0.3422, 0.2449

Previews

White Background



This preview shows how the XYZ color 24.1248, 13.5152, 8.1747 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 24.1248, 13.5152, 8.1747 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 24.1248, 13.5152, 8.1747

Background



This preview shows how black text looks on a background with the XYZ color 24.1248, 13.5152, 8.1747.



This preview shows how white text looks on a background with the XYZ color 24.1248, 13.5152,

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

24.1248, 13.5152, 8.1747

Protanopia

13.2423, 13.7439, 14.7869

Deuteranopia

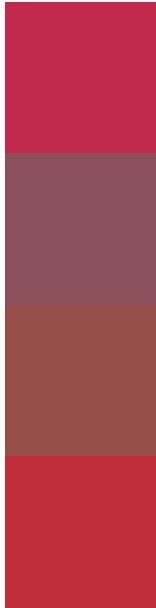
13.9935, 13.7133, 7.5396



Tritanopia

23.3496, 13.5421, 4.2890

Trichromacy



Original Color

24.1248, 13.5152, 8.1747

Protanomaly

15.3994, 12.0784, 11.8757

Deuteranomaly

16.4718, 12.4007, 7.6563

Tritanomaly

23.5046, 13.4762, 5.5000

Monochromacy



Original Color

24.1248, 13.5152, 8.1747

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

12.9643, 10.0262, 10.0560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1248, 13.5152, 8.1747 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(193, 42, 76)` looks like.

```
.text, #text, p{  
    color:rgb(193, 42, 76)  
}
```

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(193, 42, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 42, 76) }
```

Border

The CSS property to change the border of an element to XYZ 24.1248, 13.5152, 8.1747 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(193, 42, 76) }
```


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

```
.border{ border-color:rgb(193, 42, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 42, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 42, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 42, 76);  
box-shadow:4px 4px 4px 4px rgb(193, 42,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1248, 13.5152, 8.1747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 42, 76) }
```

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

```
.background{ background-color: rgb(193, 42,  
76) }
```

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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