

Converting Colors

XYZ(24.3452, 13.4614, 8.5271)

Have a look what the booklet for
XYZ(24.3452, 13.4614, 8.5271)
contains.

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Color

**XYZ(24.3488, 13.4704,
8.5245)**

Conversions

Conversions Part 1

Format	Color
Hex	C2274E
RGB	194, 39, 78
RGB Percent	76%, 15%, 31%
CMY	0.2392, 0.8470, 0.6941
CMYK	0.00, 0.80, 0.60, 0.24
HSL	345°, 67%, 46%
HSV	345°, 80%, 76%
XYZ	24.3488, 13.4704, 8.5245
YIQ	89.7910, 79.8610, 44.9890

Conversions

Conversions Part 2

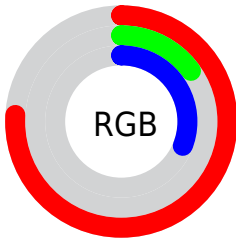
Format	Color
RYB	194, 39, 78
Decimal	12724046
CIELab	43.46, 61.24, 16.96
CIELCh	43, 63.550, 15.482
Yxy	13.4704, 0.5254, 0.2907
Android (android.graphics.Color)	4290914126 (0xFFC2274E)
YUV	89.7910, -5.8130, 91.3913
Hunter-Lab	36.7020, 54.1916, 11.9206

Details

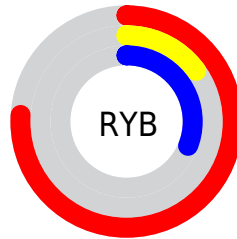
The XYZ color **24.3488, 13.4704, 8.5245** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **26.0462, 41.3819, 37.6301**, and the grayscale version is **9.6727, 10.1764, 11.0821**.

A 20% lighter version of the original color is **49.6279, 31.9066, 23.6216**, and **9.9616, 5.1020, 1.9731** is the 20% darker color. If you saturate the color by 10%, you get **23.4021, 12.3203, 5.9180**, and if you desaturate by 10%, it is **25.7366, 15.3190, 11.8453**.

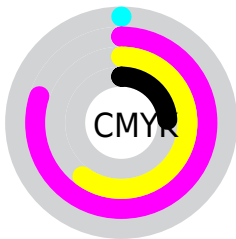
Distribution



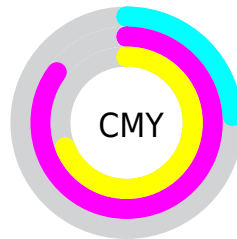
- Red (76%)
- Green (15%)
- Blue (31%)



- Red (76%)
- Yellow (15%)
- Blue (31%)



- Cyan (0%)
- Magenta (80%)
- Yellow (60%)
- Black (24%)





- Cyan (24%)
- Magenta (85%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3488, 13.4704, 8.5245 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 24.3488, 13.4704, 8.5245 by changing the saturation by 10% instead.

 24.3488, 13.4704,
8.5245


 24.3488, 13.4704,
8.5245


266.9870,
213.9108, 189.8755


 15.7187, 7.7533,
4.3398


 50.0493, 32.1463,
23.5434


 9.4149, 3.9375,
1.8136


 67.8505, 45.8739,
35.2146

 5.0720, 1.6386,
0.4369

 89.4394, 63.0404,
50.2184

 2.3248, 0.3834,
0.0000

 115.1813, 84.0303,
68.9734

 0.8073, 0.0000,
0.0000

 145.4417,
109.2278, 91.8981

 0.0000, 0.0000,
0.0000

 180.5859,

139.0175, 119.4110

220.9792,
173.7837, 151.9306

■ 24.3488, 13.4704,
8.5245

■ 24.3488, 13.4704,
8.5245

■ 23.4021, 12.3203,
5.9180

■ 25.7366, 15.3190,
11.8453

■ 22.8039, 11.6953,
3.9570


■ 27.6151, 17.9538,
15.9309


■ 22.7982, 11.6894,
3.9386


■ 30.0280, 21.4522,
20.8277

■ 33.0138, 25.8815,
26.5778

■ 36.6073, 31.3024,
33.2204

 40.8405, 37.7703,
40.7921

 45.7429, 45.3367,
49.3273

 51.3425, 54.0495,
58.8589

 57.6653, 63.9538,
69.4180

Harmonies

Analogous

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



24.4126, 13.4704, 22.6214



24.3488, 13.4704, 8.5245



20.7084, 13.4704, 2.5485

Triad

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



24.3488, 13.4704, 8.5245



7.1424, 13.4704, 2.6510



10.5612, 13.4704, 60.0839

Complementary

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



24.3488, 13.4704, 8.5245



26.0462, 41.3819, 37.6301

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.



7.2195, 13.4704, 43.9766



24.3488, 13.4704, 8.5245



5.6197, 13.4704, 8.8373

Square

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



24.3488, 13.4704, 8.5245



10.4255, 13.4704, 0.9573



5.6437, 13.4704, 23.2189



15.5174, 13.4704, 59.7800

Rectangle

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



24.3488, 13.4704, 8.5245



17.1757, 13.4704, 1.2159



5.6437, 13.4704, 23.2189



9.2439, 13.4704, 56.1083

Sweetspot

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



24.3491, 13.4712, 8.5247



70.4025, 62.9283, 67.5335



23.5381, 12.0871, 52.1312



14.8195, 12.8685, 13.7154



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.



24.3491, 13.4712, 8.5247



41.5570, 21.4545, 7.9228



25.1425, 16.6719, 3.8134



10.1748, 10.1185, 11.0112



15.0176, 7.6968, 2.7386



0.6777, 0.3441, 0.2702

Inverse Universe

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



24.3491, 13.4712, 8.5247



41.5570, 21.4545, 7.9228



22.7736, 28.7244, 55.3828



10.1748, 10.1185, 11.0112



15.0176, 7.6968, 2.7386



0.6777, 0.3441, 0.2702

Previews

White Background



This preview shows how the XYZ color 24.3488, 13.4704, 8.5245 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 24.3488, 13.4704, 8.5245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

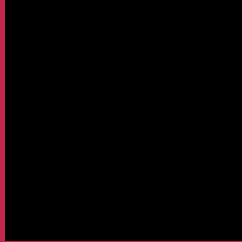
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.3488, 13.4704, 8.5245

Background



This preview shows how black text looks on a background with the XYZ color 24.3488, 13.4704, 8.5245.



This preview shows how white text looks on a background with the XYZ color 24.3488, 13.4704,

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

24.3488, 13.4704, 8.5245

Protanopia

13.3298, 13.7653, 15.8643

Deuteranopia

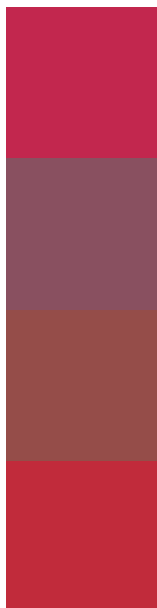
13.8795, 13.6510, 7.6977



Tritanopia

23.5028, 13.5048, 4.1643

Trichromacy



Original Color

24.3488, 13.4704, 8.5245

Protanomaly

15.2965, 11.9002, 12.5571

Deuteranomaly

16.2509, 12.1784, 7.7975

Tritanomaly

23.6456, 13.3810, 5.4742

Monochromacy



Original Color

24.3488, 13.4704, 8.5245

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

12.8350, 9.7676, 10.0129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3488, 13.4704, 8.5245 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, 39, 78)` looks like.

```
.text, #text, p{  
    color:rgb(194, 39, 78)  
}
```

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, 39, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 39, 78) }
```

Border

The CSS property to change the border of an element to XYZ 24.3488, 13.4704, 8.5245 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, 39, 78) }
```


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

```
.border{ border-color:rgb(194, 39, 78) }
```

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

Here you see how a box with a 4 pixel rgb(194, 39, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 39, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 39, 78);  
box-shadow:4px 4px 4px 4px rgb(194, 39,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3488, 13.4704, 8.5245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 39, 78) }
```

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

```
.background{ background-color: rgb(194, 39,  
78) }
```

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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