

Converting Colors

XYZ(25.0373, 14.8579, 8.9710)

Have a look what the booklet for
XYZ(25.0373, 14.8579, 8.9710)
contains.

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Color

**XYZ(25.0736, 14.8622,
8.9443)**

Conversions

Conversions Part 1

Format	Color
Hex	C2384F
RGB	194, 56, 79
RGB Percent	76%, 22%, 31%
CMY	0.2392, 0.7804, 0.6902
CMYK	0.00, 0.71, 0.59, 0.24
HSL	350°, 55%, 49%
HSV	350°, 71%, 76%
XYZ	25.0736, 14.8622, 8.9443
YIQ	99.8840, 74.8650, 36.4090

Conversions

Conversions Part 2

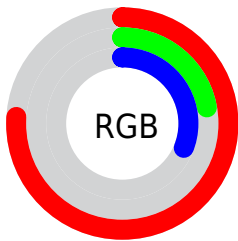
Format	Color
R_{YB}	194, 56, 79
Decimal	12728399
CIE Lab	45.44, 55.82, 19.00
CIE LCh	45, 58.969, 18.795
Yxy	14.8622, 0.5130, 0.3041
Android (android.graphics.Color)	4290918479 (0xFFC2384F)
YUV	99.8840, -10.2958, 82.5397
Hunter-Lab	38.5515, 48.6298, 13.2303

Details

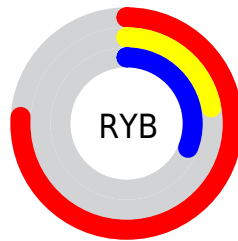
The XYZ color **25.0736, 14.8622, 8.9443** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **28.2746, 42.3650, 45.2194**, and the grayscale version is **12.0965, 12.7265, 13.8591**.

A 20% lighter version of the original color is **50.9305, 34.4069, 24.3789**, and **10.1349, 5.1897, 2.0576** is the 20% darker color. If you saturate the color by 10%, you get **23.7900, 13.1253, 5.9577**, and if you desaturate by 10%, it is **26.8652, 17.3864, 12.8065**.

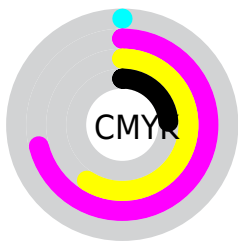
Distribution



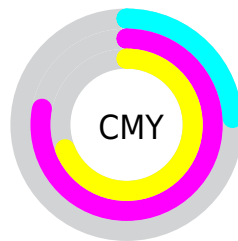
- Red (76%)
- Green (22%)
- Blue (31%)



- Red (76%)
- Yellow (22%)
- Blue (31%)



- Cyan (0%)
- Magenta (71%)
- Yellow (59%)
- Black (24%)





- Cyan (24%)
- Magenta (78%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0736, 14.8622, 8.9443 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 25.0736, 14.8622, 8.9443 by changing the saturation by 10% instead.


 25.0736, 14.8622,
8.9443

 25.0736, 14.8622,
8.9443


270.5452,
222.5306, 193.1646


 16.2609, 8.7227,
4.6085


 51.2186, 34.6113,
24.3659


 9.8010, 4.5608,
1.9648


 69.2817, 48.9896,
36.2889

 5.3285, 1.9919,
0.5335

 91.1589, 66.8831,
51.5780

 2.4780, 0.6028,
0.0000

 117.2157, 88.6761,
70.6518

 0.8842, 0.0000,
0.0000

 147.8173,
114.7529, 93.9288

 0.0000, 0.0000,
0.0000

183.3292,

145.4980, 121.8275

224.1167,
181.2958, 154.7666

■ 25.0736, 14.8622,
8.9443

■ 25.0736, 14.8622,
8.9443

■ 23.7900, 13.1253,
5.9577

■ 26.8652, 17.3864,
12.8065

■ 22.9581, 12.0792,
3.7755

■ 29.2109, 20.7745,
17.6063

■ 22.5132, 11.5753,
2.4373

■ 32.1526, 25.0966,
23.4006

■ 35.7281, 30.4152,
30.2416

■ 39.9718, 36.7872,
38.1777

■ 44.9157, 44.2651,
47.2543

■ 50.5895, 52.8983,
57.5144

■ 57.0215, 62.7327,
68.9984

■ 64.2384, 73.8120,
81.7452

Harmonies

Analogous

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



25.5504, 14.8622, 22.0222



25.0736, 14.8622, 8.9443



21.2981, 14.8622, 3.1773

Triad

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



25.0736, 14.8622, 8.9443



8.1500, 14.8622, 4.1106



12.3707, 14.8622, 59.7979

Complementary

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



25.0736, 14.8622, 8.9443



28.2746, 42.3650, 45.2194

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.



8.7774, 14.8622, 46.2156



25.0736, 14.8622, 8.9443



6.7447, 14.8622, 11.4787

Square

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



25.0736, 14.8622, 8.9443



11.2990, 14.8622, 1.7130



6.9441, 14.8622, 26.5431



17.3893, 14.8622, 57.6125

Rectangle

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



25.0736, 14.8622, 8.9443



17.8213, 14.8622, 1.8015



6.9441, 14.8622, 26.5431



10.9806, 14.8622, 56.7105

Sweetspot

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



25.0740, 14.8631, 8.9445



72.2501, 66.3944, 68.8552



27.9470, 15.3823, 52.5348



15.3216, 13.7863, 14.1489



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.



25.0740, 14.8631, 8.9445



42.2202, 22.6466, 8.5576



27.7140, 21.2588, 6.3853



10.1401, 10.1047, 10.8285



14.8226, 7.6188, 1.7121



0.6623, 0.3379, 0.1889

Inverse Universe

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



25.0740, 14.8631, 8.9445



42.2202, 22.6466, 8.5576



21.9593, 25.9168, 54.8838



10.1401, 10.1047, 10.8285



14.8226, 7.6188, 1.7121



0.6623, 0.3379, 0.1889

Previews

White Background



This preview shows how the XYZ color 25.0736, 14.8622, 8.9443 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 25.0736, 14.8622, 8.9443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

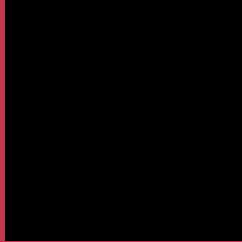
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.0736, 14.8622, 8.9443

Background



This preview shows how black text looks on a background with the XYZ color 25.0736, 14.8622, 8.9443.



This preview shows how white text looks on a background with the XYZ color 25.0736, 14.8622,

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

25.0736, 14.8622, 8.9443

Protanopia

14.4928, 15.1491, 14.9922

Deuteranopia

15.3259, 15.1143, 8.2405



Tritanopia

24.4258, 14.8132, 6.1293

Trichromacy



Original Color

25.0736, 14.8622, 8.9443

Protanomaly

16.7481, 13.7037, 12.3520

Deuteranomaly

17.8151, 14.0967, 8.4386

Tritanomaly

24.5488, 14.7809, 7.0280

Monochromacy



Original Color

25.0736, 14.8622, 8.9443

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

14.9336, 12.1817, 11.6894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0736, 14.8622, 8.9443 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, 56, 79)` looks like.

```
.text, #text, p{  
    color:rgb(194, 56, 79)  
}
```

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, 56, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 56, 79) }
```

Border

The CSS property to change the border of an element to XYZ 25.0736, 14.8622, 8.9443 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, 56, 79) }
```


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

```
.border{ border-color:rgb(194, 56, 79) }
```

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

Here you see how a box with a 4 pixel rgb(194, 56, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 56, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 56, 79);  
box-shadow:4px 4px 4px 4px rgb(194, 56,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0736, 14.8622, 8.9443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 56, 79) }
```

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

```
.background{ background-color: rgb(194, 56,  
79) }
```

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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