

Converting Colors

XYZ(24.6468, 14.1657, 12.0249)

Have a look what the booklet for
XYZ(24.6468, 14.1657, 12.0249)
contains.

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Color

**XYZ(24.6468, 14.1657,
12.0249)**

Conversions

Conversions Part 1

Format	Color
Hex	BF325E
RGB	191, 50, 94
RGB Percent	75%, 20%, 37%
CMY	0.2510, 0.8039, 0.6314
CMYK	0.00, 0.74, 0.51, 0.25
HSL	341°, 58%, 47%
HSV	341°, 74%, 75%
XYZ	24.6468, 14.1657, 12.0249
YIQ	97.1750, 69.9120, 43.5760

Conversions

Conversions Part 2

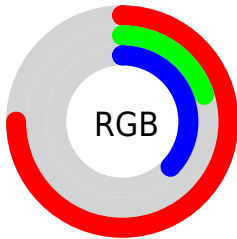
Format	Color
R_{YB}	191, 50, 94
Decimal	12530270
CIE _{Lab}	44.47, 58.20, 8.30
CIE _{LCh}	44, 58.788, 8.119
Yxy	14.1657, 0.4848, 0.2786
Android (android.graphics.Color)	4290720350 (0xFFBF325E)
YUV	97.1750, -1.5653, 82.2845
Hunter-Lab	37.6373, 51.0253, 7.4034

Details

The XYZ color **24.6468, 14.1657, 12.0249** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **25.2137, 40.0466, 34.0083**, and the grayscale version is **11.3979, 11.9915, 13.0588**.

A 20% lighter version of the original color is **50.5415, 33.4342, 30.1752**, and **10.0492, 5.1189, 3.2547** is the 20% darker color. If you saturate the color by 10%, you get **23.4533, 12.6436, 8.9614**, and if you desaturate by 10%, it is **26.2819, 16.4106, 15.7312**.

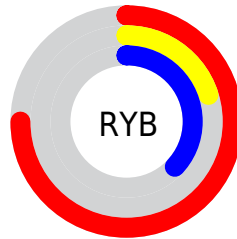
Distribution



Red (75%)

Green (20%)

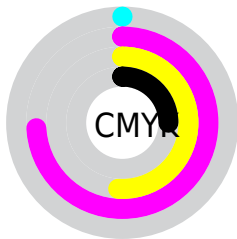
Blue (37%)



Red (75%)

Yellow (20%)

Blue (37%)

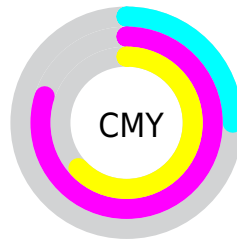


Cyan (0%)

Magenta (74%)

Yellow (51%)

Black (25%)



Cyan (25%)


Magenta (80%)


Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6468, 14.1657, 12.0249 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 24.6468, 14.1657, 12.0249 by changing the saturation by 10% instead.


 24.6468, 14.1657,
12.0249


 24.6468, 14.1657,
12.0249


268.4546,
218.2592, 215.5538


 15.9414, 8.2360,
6.6379


 50.5307, 33.3827,
30.2055


 9.5733, 4.2463,
3.1617


 68.4399, 47.4389,
43.8362


 5.1771, 1.8123,
1.1778

 90.1478, 64.9726,
61.0519

 2.3873, 0.4948,
0.0000

 116.0197, 86.3684,
82.2711

 0.8388, 0.0000,
0.0000

 146.4210,
112.0105, 107.9123

 0.0000, 0.0000,
0.0000

 181.7170,

142.2834, 138.3942

222.2731,
177.5715, 174.1352

■ 24.6468, 14.1657,
12.0249

■ 24.6468, 14.1657,
12.0249

■ 23.4533, 12.6436,
8.9614

■ 26.2819, 16.4106,
15.7312

■ 22.6498, 11.7486,
6.4980

■ 28.4000, 19.4531,
20.1170

■ 22.2907, 11.3983,
5.2442

■ 31.0386, 23.3615,
25.2168

■ 34.2313, 28.1959,
31.0623

■ 38.0084, 34.0109,
37.6831

■ 42.3982, 40.8570,
45.1074

■ 47.4272, 48.7812,
53.3615

■ 53.1200, 57.8275,
62.4708

■ 59.5001, 68.0376,
72.4594

Harmonies

Analogous

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



23.8109, 14.1657, 27.3344



24.6468, 14.1657, 12.0249



21.9785, 14.1657, 4.2736

Triad

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



24.6468, 14.1657, 12.0249



8.5870, 14.1657, 2.6566



10.3462, 14.1657, 54.5139

Complementary

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



24.6468, 14.1657, 12.0249



25.2137, 40.0466, 34.0083

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.



7.4933, 14.1657, 37.7865



24.6468, 14.1657, 12.0249



6.6560, 14.1657, 7.6005

Square

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



24.6468, 14.1657, 12.0249



12.2180, 14.1657, 1.3299



6.3090, 14.1657, 19.4100



14.7921, 14.1657, 58.3553

Rectangle

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



24.6468, 14.1657, 12.0249



18.8717, 14.1657, 2.1837



6.3090, 14.1657, 19.4100



9.2028, 14.1657, 49.8805

Sweetspot

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



24.6472, 14.1665, 12.0251



69.1584, 62.5969, 69.3526



22.4618, 12.1870, 50.4584



14.7456, 13.0622, 14.4709



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.



24.6472, 14.1665, 12.0251



40.9846, 21.4739, 13.0259



24.6363, 16.4560, 4.8966



9.6495, 9.5841, 10.5432



14.6816, 7.5038, 3.6169



0.6054, 0.3061, 0.3013

Inverse Universe

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



24.6472, 14.1665, 12.0251



40.9846, 21.4739, 13.0259



24.2023, 31.4049, 54.0761



9.6495, 9.5841, 10.5432



14.6816, 7.5038, 3.6169



0.6054, 0.3061, 0.3013

Previews

White Background



This preview shows how the XYZ color 24.6468, 14.1657, 12.0249 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 24.6468, 14.1657, 12.0249 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 24.6468, 14.1657, 12.0249

Background



This preview shows how black text looks on a background with the XYZ color 24.6468, 14.1657, 12.0249.



This preview shows how white text looks on a background with the XYZ color 24.6468, 14.1657,

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

24.6468, 14.1657, 12.0249

Protanopia

14.2832, 14.4420, 21.1036

Deuteranopia

14.6400, 14.4018, 11.0250



Tritanopia

23.3416, 14.1819, 5.9220

Trichromacy



Original Color

24.6468, 14.1657, 12.0249

Protanomaly

16.2208, 12.8402, 17.2463

Deuteranomaly

17.1515, 13.2206, 11.3207

Tritanomaly

23.8040, 14.1606, 7.7820

Monochromacy



Original Color

24.6468, 14.1657, 12.0249

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

14.3401, 11.4071, 12.5123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6468, 14.1657, 12.0249 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(191, 50, 94)` looks like.

```
.text, #text, p{  
    color:rgb(191, 50, 94)  
}
```

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(191, 50, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 50, 94) }
```

Border

The CSS property to change the border of an element to XYZ 24.6468, 14.1657, 12.0249 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(191, 50, 94) }
```


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

```
.border{ border-color:rgb(191, 50, 94) }
```

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

Here you see how a box with a 4 pixel rgb(191, 50, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 50, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 50, 94);  
box-shadow:4px 4px 4px 4px rgb(191, 50,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6468, 14.1657, 12.0249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 50, 94) }
```

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

```
.background{ background-color: rgb(191, 50,  
94) }
```

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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