

Converting Colors

XYZ(25.1285, 16.4230, 9.4147)

Have a look what the booklet for
XYZ(25.1285, 16.4230, 9.4147)
contains.

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Color

**XYZ(25.1320, 16.4239,
9.4349)**

Conversions

Conversions Part 1

Format	Color
Hex	BE4A50
RGB	190, 74, 80
RGB Percent	75%, 29%, 31%
CMY	0.2549, 0.7098, 0.6863
CMYK	0.00, 0.61, 0.58, 0.25
HSL	357°, 47%, 52%
HSV	357°, 61%, 75%
XYZ	25.1320, 16.4239, 9.4349
YIQ	109.3680, 67.2100, 26.4580

Conversions

Conversions Part 2

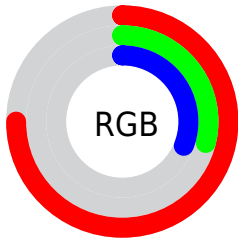
Format	Color
R_{YB}	190, 74, 80
Decimal	12470864
CIE _{Lab}	47.53, 47.10, 21.02
CIE _{LCh}	48, 51.583, 24.053
Yxy	16.4239, 0.4929, 0.3221
Android (android.graphics.Color)	4290660944 (0xFFBE4A50)
YUV	109.3680, -14.4784, 70.7143
Hunter-Lab	40.5264, 39.7736, 14.5653

Details

The XYZ color **25.1320, 16.4239, 9.4349** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.8904, 41.7439, 51.8329**, and the grayscale version is **14.6676, 15.4314, 16.8048**.

A 20% lighter version of the original color is **51.3355, 37.2730, 25.2576**, and **9.8493, 5.2943, 2.1719** is the 20% darker color. If you saturate the color by 10%, you get **23.4707, 14.0278, 6.0255**, and if you desaturate by 10%, it is **27.3556, 19.6592, 13.9127**.

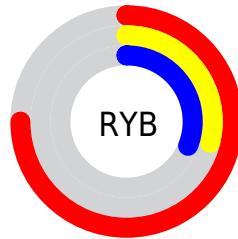
Distribution



Red (75%)

Green (29%)

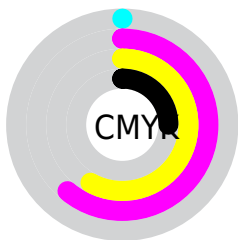
Blue (31%)



Red (75%)

Yellow (29%)

Blue (31%)

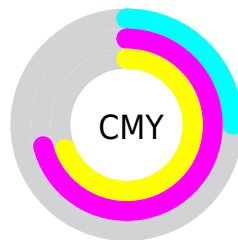


Cyan (0%)

Magenta (61%)

Yellow (58%)

Black (25%)



Cyan (25%)


Magenta (71%)


Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1320, 16.4239, 9.4349 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 25.1320, 16.4239, 9.4349 by changing the saturation by 10% instead.


 25.1320, 16.4239,
9.4349


 25.1320, 16.4239,
9.4349


270.8302,
231.8302, 196.9259


 16.3047, 9.8246,
4.9253

 51.3126, 37.3326,
25.3180


 9.8322, 5.2828,
2.1455


 69.3967, 52.4107,
37.5286

 5.3493, 2.4141,
0.6427

 91.2970, 71.0840,
53.1432

 2.4905, 0.8332,
0.0000

 117.3789, 93.7367,
72.5804

 0.8905, 0.0000,
0.0000

 148.0079,
120.7533, 96.2587

 0.0000, 0.0000,
0.0000

183.5492,

152.5181, 124.5967

224.3681,
189.4157, 158.0129

■ 25.1320, 16.4239,
9.4349

■ 25.1320, 16.4239,
9.4349

■ 23.4707, 14.0278,
6.0255

■ 27.3556, 19.6592,
13.9127

■ 22.3202, 12.3909,
3.5946

■ 30.1846, 23.7988,
19.5370

■ 21.6216, 11.4226,
2.0393

■ 33.6593, 28.9043,
26.3795

■ 21.2890, 10.9687,
1.2770

■ 37.8161, 35.0314,
34.5059

■ 42.6888, 42.2314,
43.9772

■ 48.3088, 50.5521,
54.8504

■ 54.7058, 60.0385,
67.1794

■ 61.9078, 70.7333,
81.0151

■ 69.9414, 82.6768,
96.4059

Harmonies

Analogous

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



26.1321, 16.4239, 20.6303



25.1320, 16.4239, 9.4349



21.3832, 16.4239, 4.2358

Triad

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



25.1320, 16.4239, 9.4349



9.5021, 16.4239, 6.7734



14.7141, 16.4239, 56.6232

Complementary

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



25.1320, 16.4239, 9.4349



29.8904, 41.7439, 51.8329

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.



10.9831, 16.4239, 47.1277



25.1320, 16.4239, 9.4349



8.3771, 16.4239, 15.3908

Square

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



25.1320, 16.4239, 9.4349



12.2836, 16.4239, 3.3106



8.8606, 16.4239, 30.2845



19.4895, 16.4239, 52.3004

Rectangle

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



25.1320, 16.4239, 9.4349



18.1619, 16.4239, 2.9294



8.8606, 16.4239, 30.2845



13.3099, 16.4239, 54.8389

Sweetspot

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



25.1324, 16.4248, 9.4352



70.8313, 66.8820, 67.0147



31.0980, 18.5938, 50.6651



15.0140, 13.8896, 13.6643



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.



25.1324, 16.4248, 9.4352



41.7842, 24.3500, 9.3561



29.7130, 25.9248, 9.9177



9.5496, 9.5441, 10.0173



14.1650, 7.2971, 0.8965



0.5618, 0.2886, 0.0715

Inverse Universe

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



25.1324, 16.4248, 9.4352



41.7842, 24.3500, 9.3561



21.4584, 23.8530, 52.1882



9.5496, 9.5441, 10.0173



14.1650, 7.2971, 0.8965



0.5618, 0.2886, 0.0715

Previews

White Background



This preview shows how the XYZ color 25.1320, 16.4239, 9.4349 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 25.1320, 16.4239, 9.4349 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 25.1320, 16.4239, 9.4349

Background



This preview shows how black text looks on a background with the XYZ color 25.1320, 16.4239, 9.4349.

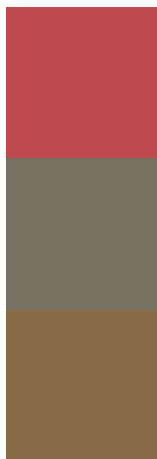


This preview shows how white text looks on a background with the XYZ color 25.1320, 16.4239,

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

25.1320, 16.4239, 9.4349

Protanopia

15.6705, 16.5953, 13.6865

Deuteranopia

16.7519, 16.4538, 8.7715



Tritanopia

25.0953, 16.4092, 9.2418

Trichromacy



Original Color

25.1320, 16.4239, 9.4349

Protanomaly

18.0272, 15.6988, 11.9776

Deuteranomaly

19.1977, 15.9555, 8.9054

Tritanomaly

25.0953, 16.4092, 9.2418

Monochromacy



Original Color

25.1320, 16.4239, 9.4349

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

16.8687, 14.6509, 13.4941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1320, 16.4239, 9.4349 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, 74, 80)` looks like.

```
.text, #text, p{  
    color:rgb(190, 74, 80)  
}
```

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, 74, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 74, 80) }
```

Border

The CSS property to change the border of an element to XYZ 25.1320, 16.4239, 9.4349 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, 74, 80) }
```


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

```
.border{ border-color:rgb(190, 74, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 74, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 74, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 74, 80);  
box-shadow:4px 4px 4px 4px rgb(190, 74,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1320, 16.4239, 9.4349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 74, 80) }
```

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

```
.background{ background-color: rgb(190, 74,  
80) }
```

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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