

Converting Colors

XYZ(24.8297, 16.2432, 12.6393)

Have a look what the booklet for
XYZ(24.8297, 16.2432, 12.6393)
contains.

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Color

**XYZ(24.7640, 16.1629,
12.6410)**

Conversions

Conversions Part 1

Format	Color
Hex	BA4A5F
RGB	186, 74, 95
RGB Percent	73%, 29%, 37%
CMY	0.2706, 0.7098, 0.6274
CMYK	0.00, 0.60, 0.49, 0.27
HSL	349°, 45%, 51%
HSV	349°, 60%, 73%
XYZ	24.7640, 16.1629, 12.6410
YIQ	109.8820, 60.0110, 30.2750

Conversions

Conversions Part 2

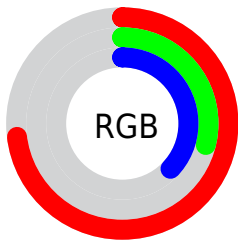
Format	Color
RYB	186, 74, 95
Decimal	12208735
CIELab	47.19, 46.99, 11.38
CIElCh	47, 48.346, 13.611
Yxy	16.1629, 0.4623, 0.3017
Android (android.graphics.Color)	4290398815 (0xFFBA4A5F)
YUV	109.8820, -7.3368, 66.7555
Hunter-Lab	40.2031, 39.5956, 9.4997

Details

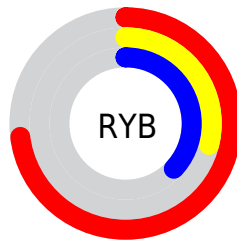
The XYZ color **24.7640, 16.1629, 12.6410** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **27.1755, 39.2906, 41.7517**, and the grayscale version is **14.7962, 15.5667, 16.9522**.

A 20% lighter version of the original color is **50.7062, 36.8159, 31.2217**, and **9.6273, 5.1526, 3.3929** is the 20% darker color. If you saturate the color by 10%, you get **23.0790, 13.7878, 9.0125**, and if you desaturate by 10%, it is **26.9502, 19.3272, 17.0944**.

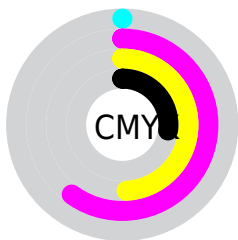
Distribution



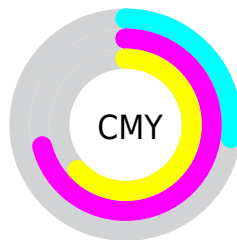
- Red (73%)
- Green (29%)
- Blue (37%)



- Red (73%)
- Yellow (29%)
- Blue (37%)



- Cyan (0%)
- Magenta (60%)
- Yellow (49%)
- Black (27%)





- Cyan (27%)
- Magenta (71%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.7640, 16.1629, 12.6410 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 24.7640, 16.1629, 12.6410 by changing the saturation by 10% instead.


 24.7640, 16.1629,
12.6410


 24.7640, 16.1629,
12.6410


269.0300,
230.3010, 219.7303


 16.0291, 9.6395,
7.0540


 50.7198, 36.8808,
31.3390


 9.6357, 5.1606,
3.4169


 68.6713, 51.8440,
45.2870


 5.2185, 2.3418,
1.3113

 90.4259, 70.3894,
62.8592

 2.4121, 0.7957,
0.0710

 116.3487, 92.9012,
84.4740

 0.8511, 0.0000,
0.0000

 146.8051,
119.7639, 110.5499

 0.0000, 0.0000,
0.0000

182.1606,

151.3618, 141.5056

222.7804,
188.0794, 177.7596

■ 24.7640, 16.1629,
12.6410

■ 24.7640, 16.1629,
12.6410

■ 23.0790, 13.7878,
9.0125

■ 26.9502, 19.3272,
17.0944

■ 21.8528, 12.1292,
6.1562

■ 29.6728, 23.3396,
22.4193

■ 21.0377, 11.1058,
4.0142

■ 32.9653, 28.2565,
28.6593

■ 20.5510, 10.5596,
2.5348

■ 36.8580, 34.1285,
35.8554

■ 41.3790, 41.0028,
44.0455

■ 46.5547, 48.9230,
53.2658

■ 52.4100, 57.9304,
63.5506

■ 58.9683, 68.0642,
74.9325

■ 66.2521, 79.3613,
87.4428

Harmonies

Analogous

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



24.6231, 16.1629, 25.0719



24.7640, 16.1629, 12.6410



22.0795, 16.1629, 5.8802

Triad

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



24.7640, 16.1629, 12.6410



10.3823, 16.1629, 5.5017



13.1677, 16.1629, 51.0030

Complementary

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



24.7640, 16.1629, 12.6410



27.1755, 39.2906, 41.7517

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.



10.1678, 16.1629, 39.2101



24.7640, 16.1629, 12.6410



8.7747, 16.1629, 11.7810

Square

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



24.7640, 16.1629, 12.6410



13.5165, 16.1629, 3.2368



8.7042, 16.1629, 23.7078



17.3690, 16.1629, 51.6031

Rectangle

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



24.7640, 16.1629, 12.6410



19.2929, 16.1629, 3.8486



8.7042, 16.1629, 23.7078



12.0056, 16.1629, 48.0349

Sweetspot

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



24.7644, 16.1638, 12.6413



68.2860, 64.1013, 67.6892



26.5397, 16.2938, 48.2003



14.5432, 13.3667, 14.0024



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.7644, 16.1638, 12.6413



41.0865, 23.9655, 14.6508



26.8068, 21.5755, 9.2314



9.0716, 9.0390, 9.7242



13.8471, 7.1126, 1.8157



0.5091, 0.2591, 0.1742

Inverse Universe

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



24.7644, 16.1638, 12.6413



41.0865, 23.9655, 14.6508



22.9810, 27.5884, 50.5680



9.0716, 9.0390, 9.7242



13.8471, 7.1126, 1.8157



0.5091, 0.2591, 0.1742

Previews

White Background



This preview shows how the XYZ color 24.7640, 16.1629, 12.6410 looks on a white background.

Color Contrast Check

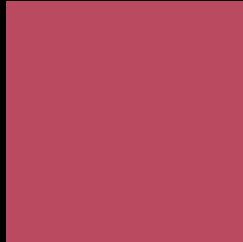
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7640, 16.1629, 12.6410 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 24.7640, 16.1629, 12.6410

Background



This preview shows how black text looks on a background with the XYZ color 24.7640, 16.1629, 12.6410.



This preview shows how white text looks on a background with the XYZ color 24.7640, 16.1629,

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

24.7640, 16.1629, 12.6410

Protanopia

15.8281, 16.4036, 18.5516

Deuteranopia

16.5681, 16.2886, 11.9436



Tritanopia

24.0772, 16.0773, 9.6188

Trichromacy



Original Color

24.7640, 16.1629, 12.6410

Protanomaly

17.8897, 15.3935, 16.2157

Deuteranomaly

18.8771, 15.7178, 12.1641

Tritanomaly

24.2034, 16.0183, 10.6203

Monochromacy



Original Color

24.7640, 16.1629, 12.6410

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

17.3057, 14.9726, 15.3425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7640, 16.1629, 12.6410 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(186, 74, 95)` looks like.

```
.text, #text, p{  
    color:rgb(186, 74, 95)  
}
```

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(186, 74, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 74, 95) }
```

Border

The CSS property to change the border of an element to XYZ 24.7640, 16.1629, 12.6410 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(186, 74, 95) }
```


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

```
.border{ border-color:rgb(186, 74, 95) }
```

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

Here you see how a box with a 4 pixel rgb(186, 74, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 74, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 74, 95);  
box-shadow:4px 4px 4px 4px rgb(186, 74,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7640, 16.1629, 12.6410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 74, 95) }
```

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

```
.background{ background-color: rgb(186, 74,  
95) }
```

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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