

Converting Colors

XYZ(24.1029, 16.1159, 13.1496)

Have a look what the booklet for
XYZ(24.1029, 16.1159, 13.1496)
contains.

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Color

**XYZ(24.1029, 16.1159,
13.1496)**

Conversions

Conversions Part 1

Format	Color
Hex	B64D61
RGB	182, 77, 97
RGB Percent	71%, 30%, 38%
CMY	0.2863, 0.6980, 0.6196
CMYK	0.00, 0.58, 0.47, 0.29
HSL	349°, 42%, 51%
HSV	349°, 58%, 71%
XYZ	24.1029, 16.1159, 13.1496
YIQ	110.6750, 56.1600, 28.4800

Conversions

Conversions Part 2

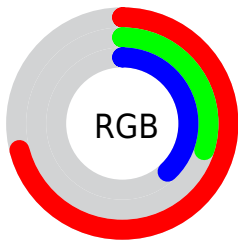
Format	Color
R_{YB}	182, 77, 97
Decimal	11947361
CIE Lab	47.13, 44.38, 9.98
CIE LCh	47, 45.493, 12.672
Yxy	16.1159, 0.4516, 0.3020
Android (android.graphics.Color)	4290137441 (0xFFB64D61)
YUV	110.6750, -6.7418, 62.5520
Hunter-Lab	40.1446, 36.9187, 8.6804

Details

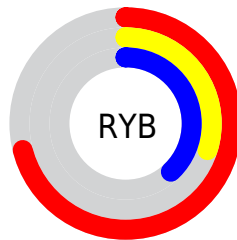
The XYZ color **24.1029, 16.1159, 13.1496** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.3110, 37.6426, 40.0639**, and the grayscale version is **15.0234, 15.8058, 17.2125**.

A 20% lighter version of the original color is **49.5247, 36.7726, 32.0913**, and **9.3419, 5.1728, 3.6380** is the 20% darker color. If you saturate the color by 10%, you get **22.3785, 13.6664, 9.4943**, and if you desaturate by 10%, it is **26.3120, 19.3306, 17.5963**.

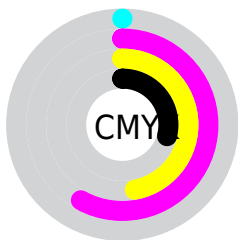
Distribution



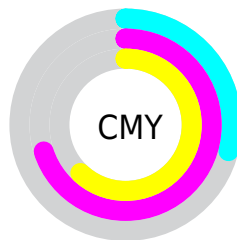
- Red (71%)
- Green (30%)
- Blue (38%)



- Red (71%)
- Yellow (30%)
- Blue (38%)



- Cyan (0%)
- Magenta (58%)
- Yellow (47%)
- Black (29%)



- Cyan (29%)
- Magenta (70%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1029, 16.1159, 13.1496 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 24.1029, 16.1159, 13.1496 by changing the saturation by 10% instead.

■ 24.1029, 16.1159,
13.1496

■ 24.1029, 16.1159,
13.1496

265.7711,
230.0247, 223.1156

■ 15.5351, 9.6062,
7.3997

■ 49.6515, 36.7993,
32.2674

■ 9.2846, 5.1386,
3.6311

■ 67.3631, 51.7418,
46.4724

■ 4.9858, 2.3288,
1.4252

■ 88.8533, 70.2640,
64.3328

■ 2.2736, 0.7889,
0.1613

■ 114.4874, 92.7503,
86.2673

■ 0.7811, 0.0000,
0.0000

■ 144.6309,
119.5851, 112.6942

■ 0.0000, 0.0000,
0.0000

179.6492,

151.1529, 144.0322

219.9074,
187.8379, 180.6998

■ 24.1029, 16.1159,
13.1496

■ 24.1029, 16.1159,
13.1496

■ 22.3785, 13.6664,
9.4943

■ 26.3120, 19.3306,
17.5963

■ 21.0999, 11.9155,
6.5822

■ 29.0381, 23.3646,
22.8770

■ 20.2240, 10.7897,
4.3606

■ 32.3121, 28.2701,
29.0322

■ 19.6878, 10.1767,
2.7658

■ 36.1622, 34.0941,
36.0994

■ 19.5896, 10.0644,
2.4738

■ 40.6144, 40.8803,
44.1139

■ 45.6934, 48.6697,
53.1093

■ 51.4224, 57.5007,
63.1174

■ 57.8233, 67.4099,
74.1684

■ 64.9170, 78.4319,
86.2915

Harmonies

Analogous

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



23.8850, 16.1159, 24.9509



24.1029, 16.1159, 13.1496



21.6896, 16.1159, 6.4596

Triad

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



24.1029, 16.1159, 13.1496



10.6779, 16.1159, 5.8318



13.1414, 16.1159, 48.0489

Complementary

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



24.1029, 16.1159, 13.1496



26.3110, 37.6426, 40.0639

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.



10.3347, 16.1159, 37.0861



24.1029, 16.1159, 13.1496



9.0916, 16.1159, 11.7758

Square

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



24.1029, 16.1159, 13.1496



13.6933, 16.1159, 3.6442



8.9780, 16.1159, 22.8305



17.0657, 16.1159, 48.9602

Rectangle

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



24.1029, 16.1159, 13.1496



19.1225, 16.1159, 4.3598



8.9780, 16.1159, 22.8305



12.0543, 16.1159, 45.2530

Sweetspot

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



24.1033, 16.1168, 13.1499



65.8645, 62.2720, 65.9975



25.7959, 16.2632, 46.0352



14.2187, 13.2549, 13.9788



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



24.1033, 16.1168, 13.1499



39.9251, 23.8769, 15.7824



26.0470, 21.3128, 9.7633



9.0726, 9.0394, 9.7299



13.8529, 7.1149, 1.8463



0.5095, 0.2593, 0.1766

Inverse Universe

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



24.1033, 16.1168, 13.1499



39.9251, 23.8769, 15.7824



22.4911, 26.9286, 48.2680



9.0726, 9.0394, 9.7299



13.8529, 7.1149, 1.8463



0.5095, 0.2593, 0.1766

Previews

White Background



This preview shows how the XYZ color 24.1029, 16.1159, 13.1496 looks on a white background.

Color Contrast Check

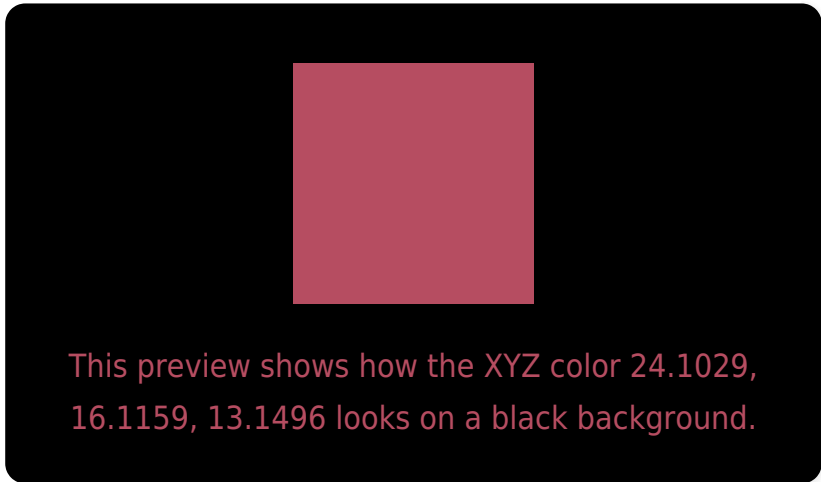
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 24.1029, 16.1159, 13.1496

Background



This preview shows how black text looks on a background with the XYZ color 24.1029, 16.1159, 13.1496.



This preview shows how white text looks on a background with the XYZ color 24.1029, 16.1159,

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

24.1029, 16.1159, 13.1496

Protanopia

15.6987, 16.3369, 18.5456

Deuteranopia

16.5003, 16.2437, 12.3909



Tritanopia

23.4917, 16.0716, 10.4583

Trichromacy



Original Color

24.1029, 16.1159, 13.1496

Protanomaly

17.6498, 15.4097, 16.2315

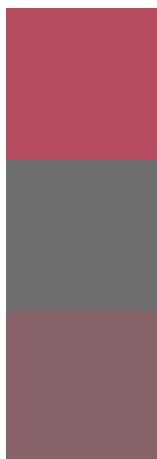
Deuteranomaly

18.6895, 15.7471, 12.6441

Tritanomaly

23.5836, 15.9938, 11.2953

Monochromacy



Original Color

24.1029, 16.1159, 13.1496

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

17.3799, 15.2827, 15.6695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1029, 16.1159, 13.1496 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(182, 77, 97)` looks like.

```
.text, #text, p{  
    color:rgb(182, 77, 97)  
}
```

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(182, 77, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 77, 97) }
```

Border

The CSS property to change the border of an element to XYZ 24.1029, 16.1159, 13.1496 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(182, 77, 97) }
```


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

```
.border{ border-color:rgb(182, 77, 97) }
```

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

Here you see how a box with a 4 pixel rgb(182, 77, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 77, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 77, 97);  
box-shadow:4px 4px 4px 4px rgb(182, 77,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1029, 16.1159, 13.1496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 77, 97) }
```

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

```
.background{ background-color: rgb(182, 77,  
97) }
```

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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