

Converting Colors

XYZ(24.2144, 15.8329, 19.2743)

Have a look what the booklet for
XYZ(24.2144, 15.8329, 19.2743)
contains.

XYZ(24.2059, 15.8290, 19.2323)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.2059, 15.8290,
19.2323)**

Conversions

Conversions Part 1

Format	Color
Hex	B24B77
RGB	178, 75, 119
RGB Percent	70%, 29%, 47%
CMY	0.3020, 0.7059, 0.5333
CMYK	0.00, 0.58, 0.33, 0.30
HSL	334°, 41%, 50%
HSV	334°, 58%, 70%
XYZ	24.2059, 15.8290, 19.2323
YIQ	110.8130, 47.2640, 35.5200

Conversions

Conversions Part 2

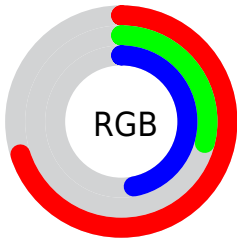
Format	Color
R_{YB}	178, 75, 119
Decimal	11684727
CIE _{Lab}	46.75, 46.46, -4.03
CIE _{LCh}	47, 46.634, 355.046
Yxy	15.8290, 0.4084, 0.2671
Android (android.graphics.Color)	4289874807 (0xFFB24B77)
YUV	110.8130, 4.0362, 58.9230
Hunter-Lab	39.7857, 38.9758, -0.8107

Details

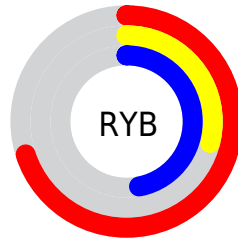
The XYZ color **24.2059, 15.8290, 19.2323** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **23.1259, 35.0582, 28.1041**, and the grayscale version is **15.0349, 15.8179, 17.2257**.

A 20% lighter version of the original color is **49.6619, 36.2115, 42.9001**, and **9.3797, 5.0251, 6.4368** is the 20% darker color. If you saturate the color by 10%, you get **22.5832, 13.5115, 15.8305**, and if you desaturate by 10%, it is **26.2330, 18.8498, 23.0934**.

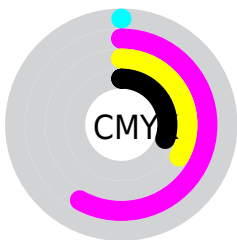
Distribution



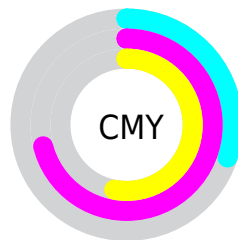
- Red (70%)
- Green (29%)
- Blue (47%)



- Red (70%)
- Yellow (29%)
- Blue (47%)



- Cyan (0%)
- Magenta (58%)
- Yellow (33%)
- Black (30%)





- Cyan (30%)
- Magenta (71%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.2059, 15.8290, 19.2323 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 24.2059, 15.8290, 19.2323 by changing the saturation by 10% instead.


 24.2059, 15.8290,
19.2323

 24.2059, 15.8290,
19.2323


266.2810,
228.3306, 260.1935


 15.6120, 9.4032,
11.6597


 49.8182, 36.3011,
42.9682

 9.3391, 5.0051,
6.3927


 67.5673, 51.1162,
59.9686


 5.0219, 2.2503,
3.0127

 89.0989, 69.4965,
80.9487

 2.2950, 0.7472,
1.1011

 114.7783, 91.8265,
106.3270

 0.7921, 0.0000,
0.0000

 144.9708,
118.4905, 136.5221

 0.0000, 0.0000,
0.0000

180.0419,

149.8729, 171.9526

220.3568,
186.3581, 213.0368

■ 24.2059, 15.8290,
19.2323

■ 24.2059, 15.8290,
19.2323

■ 22.5832, 13.5115,
15.8305

■ 26.2330, 18.8498,
23.0934

■ 21.3324, 11.8362,
12.8665

■ 28.6906, 22.6236,
27.4318

■ 20.4180, 10.7352,
10.3180

■ 31.6043, 27.1982,
32.2655

■ 19.7842, 10.1007,
8.1550

■ 34.9972, 32.6168,
37.6111

■ 19.6658, 9.9872,
7.7350

■ 38.8907, 38.9195,
43.4844

■ 43.3048, 46.1439,
49.9005

■ 48.2586, 54.3253,
56.8736

■ 53.7701, 63.4970,
64.4176

■ 59.8563, 73.6910,
72.5458

Harmonies

Analogous

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



22.3670, 15.8290, 33.4166



24.2059, 15.8290, 19.2323



23.2539, 15.8290, 9.4170

Triad

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



24.2059, 15.8290, 19.2323



11.9851, 15.8290, 3.9022



11.0124, 15.8290, 42.7151

Complementary

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



24.2059, 15.8290, 19.2323



23.1259, 35.0582, 28.1041

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.



9.0387, 15.8290, 28.4966



24.2059, 15.8290, 19.2323



9.5257, 15.8290, 7.3601

Square

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



24.2059, 15.8290, 19.2323



15.7271, 15.8290, 3.2014



8.5475, 15.8290, 15.3812



14.3829, 15.8290, 50.3387

Rectangle

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



24.2059, 15.8290, 19.2323



21.2403, 15.8290, 5.7850



8.5475, 15.8290, 15.3812



10.1893, 15.8290, 38.3072

Sweetspot

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



24.2063, 15.8298, 19.2326



63.8416, 59.7540, 68.7845



20.2836, 13.2639, 43.6106



13.8566, 12.7764, 14.7955



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



24.2063, 15.8298, 19.2326



40.3661, 23.6938, 27.3845



22.6379, 15.9883, 8.5505



8.6420, 8.5635, 9.6132



14.1013, 7.1581, 5.6936



0.4731, 0.2370, 0.3342

Inverse Universe

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



24.2063, 15.8298, 19.2326



40.3661, 23.6938, 27.3845



25.5261, 33.8868, 47.3149



8.6420, 8.5635, 9.6132



14.1013, 7.1581, 5.6936



0.4731, 0.2370, 0.3342

Previews

White Background



This preview shows how the XYZ color 24.2059, 15.8290, 19.2323 looks on a white background.

Color Contrast Check

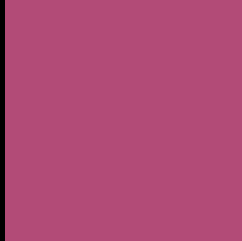
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2059, 15.8290, 19.2323 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 24.2059, 15.8290, 19.2323

Background



This preview shows how black text looks on a background with the XYZ color 24.2059, 15.8290, 19.2323.



This preview shows how white text looks on a background with the XYZ color 24.2059, 15.8290,

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

24.2059, 15.8290, 19.2323

Protanopia

16.1673, 16.0479, 27.8366

Deuteranopia

16.2850, 16.0050, 18.1505



Tritanopia

22.4168, 15.8367, 10.8921

Trichromacy



Original Color

24.2059, 15.8290, 19.2323

Protanomaly

17.9378, 15.0959, 24.5226

Deuteranomaly

18.4906, 15.3775, 18.5166

Tritanomaly

22.9526, 15.7229, 13.6295

Monochromacy



Original Color

24.2059, 15.8290, 19.2323

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

17.3966, 15.1012, 17.9175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2059, 15.8290, 19.2323 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(178, 75, 119)` looks like.

```
.text, #text, p{  
    color:rgb(178, 75, 119)  
}
```

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(178, 75, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 75, 119) }
```

Border

The CSS property to change the border of an element to XYZ 24.2059, 15.8290, 19.2323 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(178, 75, 119) }
```


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

```
.border{ border-color:rgb(178, 75, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 75, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 75, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 75, 119);  
box-shadow:4px 4px 4px 4px rgb(178, 75,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2059, 15.8290, 19.2323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 75, 119) }
```

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

```
.background{ background-color: rgb(178, 75,  
119) }
```

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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