

Converting Colors

XYZ(24.0196, 15.8255, 48.8024)

Have a look what the booklet for
XYZ(24.0196, 15.8255, 48.8024)
contains.

XYZ(24.0196, 15.8255, 48.8024)	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(24.0196, 15.8255,
48.8024)**

Conversions

Conversions Part 1

Format	Color
Hex	9352BB
RGB	147, 82, 187
RGB Percent	58%, 32%, 73%
CMY	0.4235, 0.6784, 0.2667
CMYK	0.21, 0.56, 0.00, 0.27
HSL	277°, 44%, 53%
HSV	277°, 56%, 73%
XYZ	24.0196, 15.8255, 48.8024
YIQ	113.4050, 5.0350, 46.4350

Conversions

Conversions Part 2

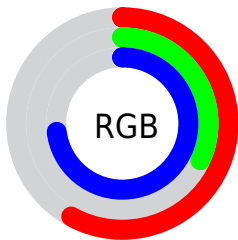
Format	Color
R_{YB}	147, 82, 187
Decimal	9654971
CIE _{Lab}	46.74, 45.66, -44.88
CIE _{LCh}	47, 64.025, 315.498
Yxy	15.8255, 0.2710, 0.1785
Android (android.graphics.Color)	4287845051 (0xFF9352BB)
YUV	113.4050, 36.2823, 29.4628
Hunter-Lab	39.7813, 38.1596, -44.8882

Details

The XYZ color **24.0196, 15.8255, 48.8024** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **27.3197, 40.2878, 14.3196**, and the grayscale version is **15.7113, 16.5296, 18.0007**.

A 20% lighter version of the original color is **49.4828, 36.2784, 89.9823**, and **9.2378, 5.0006, 22.6686** is the 20% darker color. If you saturate the color by 10%, you get **21.5588, 12.7414, 48.3371**, and if you desaturate by 10%, it is **26.9450, 19.7200, 49.4002**.

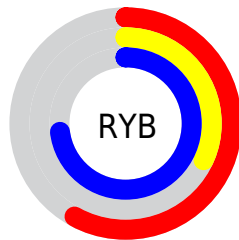
Distribution



Red (58%)

Green (32%)

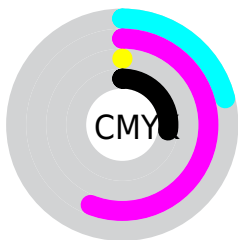
Blue (73%)



Red (58%)

Yellow (32%)

Blue (73%)

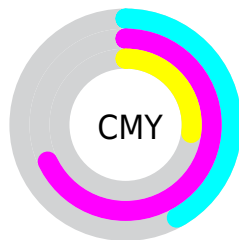


Cyan (21%)

Magenta (56%)

Yellow (0%)

Black (27%)



Cyan (42%)

Magenta (68%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0196, 15.8255, 48.8024 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 24.0196, 15.8255, 48.8024 by changing the saturation by 10% instead.

■ 24.0196, 15.8255,
48.8024

■ 24.0196, 15.8255,
48.8024

265.3582,
228.3098, 398.5640

■ 15.4730, 9.4008,
34.0983

■ 49.5166, 36.2950,
89.7759

■ 9.2405, 5.0035,
22.6911

■ 67.1977, 51.1085,
116.8822

■ 4.9567, 2.2493,
14.1624

■ 88.6544, 69.4871,
148.9598

■ 2.2564, 0.7467,
8.0937

■ 114.2519, 91.8152,
186.4271

■ 0.7722, 0.0000,
4.0663

■ 144.3557,
118.4771, 229.7026

■ 0.0000, 0.0000,
1.6618

179.3311,

■ 0.0000, 0.0000,

149.8572, 279.2049

0.3344

219.5435,
186.3400, 335.3525

■ 0.0000, 0.0000,
0.0000

■ 24.0196, 15.8255,
48.8024

■ 24.0196, 15.8255,
48.8024

■ 21.5588, 12.7414,
48.3371

■ 26.9450, 19.7200,
49.4002

■ 19.5272, 10.4011,
47.9924

■ 30.3629, 24.4806,
50.1390

■ 17.8869, 8.7300,
47.7563

■ 34.3010, 30.1602,
51.0277

■ 16.5882, 7.6314,
47.6127

■ 38.7843, 36.8067,
52.0743

■ 16.1408, 7.2847,
47.5694

■ 43.8361, 44.4648,
53.2862

■ 49.4781, 53.1761,
54.6703

■ 55.7310, 62.9801,
56.2331

■ 62.6142, 73.9141,
57.9807

■ 70.1466, 86.0136,
59.9192

Harmonies

Analogous

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



18.0804, 15.8255, 66.7238



24.0196, 15.8255, 48.8024



27.9354, 15.8255, 26.0843

Triad

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



24.0196, 15.8255, 48.8024



17.8785, 15.8255, 1.3417



6.9172, 15.8255, 26.7669

Complementary

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



24.0196, 15.8255, 48.8024



27.3197, 40.2878, 14.3196

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.



6.8887, 15.8255, 10.6492



24.0196, 15.8255, 48.8024



12.3640, 15.8255, 1.3670

Square

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



24.0196, 15.8255, 48.8024



23.8408, 15.8255, 3.3255



8.6366, 15.8255, 3.4525



8.7276, 15.8255, 49.5584

Rectangle

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



24.0196, 15.8255, 48.8024



28.3777, 15.8255, 14.4633



8.6366, 15.8255, 3.4525



6.7171, 15.8255, 20.3317

Sweetspot

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



24.0202, 15.8261, 48.8028



68.5075, 64.4903, 93.0385



19.4401, 19.3628, 49.7268



14.7175, 13.6511, 20.4018



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.



24.0202, 15.8261, 48.8028



37.8494, 21.9085, 86.4353



31.2245, 19.6852, 42.5831



9.5683, 9.5098, 12.0035



11.2035, 5.0617, 32.7794



0.5095, 0.2347, 1.2873

Inverse Universe

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



27.0241, 18.0050, 20.4636



44.4337, 26.5966, 28.2934



23.2821, 38.1475, 16.7853



9.6765, 9.5949, 10.6855



14.9419, 7.6079, 4.9875



0.6174, 0.3108, 0.3644

Previews

White Background



This preview shows how the XYZ color 24.0196, 15.8255, 48.8024 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 24.0196, 15.8255, 48.8024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

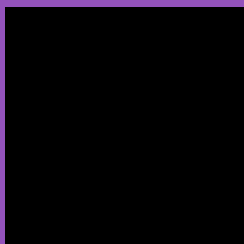
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0196, 15.8255, 48.8024

Background



This preview shows how black text looks on a background with the XYZ color 24.0196, 15.8255, 48.8024.



This preview shows how white text looks on a background with the XYZ color 24.0196, 15.8255,

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

24.0196, 15.8255, 48.8024

Protanopia

18.6624, 16.2087, 64.4323

Deuteranopia

16.5186, 16.1535, 45.9634



Tritanopia

17.5575, 15.7794, 16.8722

Trichromacy



Original Color

24.0196, 15.8255, 48.8024

Protanomaly

19.1718, 15.2617, 58.4353

Deuteranomaly

18.1307, 15.2676, 46.7911

Tritanomaly

19.3271, 15.5084, 26.0195

Monochromacy



Original Color

24.0196, 15.8255, 48.8024

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

17.9424, 15.7562, 26.9065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0196, 15.8255, 48.8024 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(147, 82, 187)` looks like.

```
.text, #text, p{  
    color:rgb(147, 82, 187)  
}
```

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(147, 82, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 82, 187) }
```

Border

The CSS property to change the border of an element to XYZ 24.0196, 15.8255, 48.8024 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(147, 82, 187) }
```


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

```
.border{ border-color:rgb(147, 82, 187) }
```

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

Here you see how a box with a 4 pixel rgb(147, 82, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 82, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 82, 187);  
box-shadow:4px 4px 4px 4px rgb(147, 82,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0196, 15.8255, 48.8024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 82, 187) }
```

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

```
.background{ background-color: rgb(147, 82,  
187) }
```

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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