

Converting Colors

XYZ(24.6872, 20.3683, 30.7852)

Have a look what the booklet for
XYZ(24.6872, 20.3683, 30.7852)
contains.

XYZ(24.6315, 20.3579, 30.6482)	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(24.6315, 20.3579,
30.6482)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6E94
RGB	156, 110, 148
RGB Percent	61%, 43%, 58%
CMY	0.3882, 0.5686, 0.4196
CMYK	0.00, 0.29, 0.05, 0.39
HSL	310°, 19%, 52%
HSV	310°, 29%, 61%
XYZ	24.6315, 20.3579, 30.6482
YIQ	128.0860, 15.2180, 21.5700

Conversions

Conversions Part 2

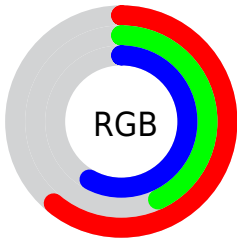
Format	Color
R _Y B	156, 110, 148
Decimal	10251924
CIE Lab	52.24, 24.64, -13.42
CIE LCh	52, 28.058, 331.430
Yxy	20.3579, 0.3257, 0.2692
Android (android.graphics.Color)	4288442004 (0xFF9C6E94)
YUV	128.0860, 9.8176, 24.4806
Hunter-Lab	45.1197, 18.4862, -8.6897

Details

The XYZ color **24.6315, 20.3579, 30.6482** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.5897, 28.4005, 21.4847**, and the grayscale version is **20.5115, 21.5797, 23.5003**.

A 20% lighter version of the original color is **50.4450, 43.9538, 61.7023**, and **9.5353, 7.1436, 12.1855** is the 20% darker color. If you saturate the color by 10%, you get **22.8822, 17.1986, 29.0180**, and if you desaturate by 10%, it is **26.6834, 24.1137, 32.4045**.

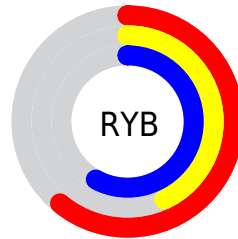
Distribution



Red (61%)

Green (43%)

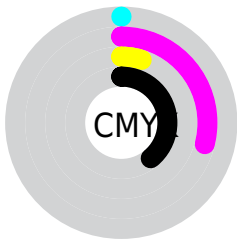
Blue (58%)



Red (61%)

Yellow (43%)

Blue (58%)

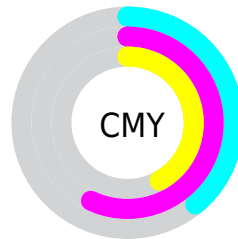


Cyan (0%)

Magenta (29%)

Yellow (5%)

Black (39%)



Cyan (39%)


Magenta (57%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6315, 20.3579, 30.6482 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 24.6315, 20.3579, 30.6482 by changing the saturation by 10% instead.


 24.6315, 20.3579,
30.6482


 24.6315, 20.3579,
30.6482


268.3794,
253.8461, 319.2151


 15.9300, 12.6555,
20.0749


 50.5060, 44.0164,
61.7588


 9.5652, 7.1917,
12.2649

 68.4097, 60.7413,
83.1333

 5.1717, 3.5823,
6.7996


 90.1115, 81.2424,
108.9451

 2.3841, 1.4428,
3.2606

 115.9767,
105.9043, 139.6130

 0.8372, 0.2479,
1.2292

146.3708,
135.1111, 175.5554

 0.0000, 0.0000,
0.0027

181.6590,

 0.0000, 0.0000,

169.2475, 217.1908

0.0000

222.2068,
208.6977, 264.9379

■ 24.6315, 20.3579,
30.6482

■ 24.6315, 20.3579,
30.6482

■ 22.8822, 17.1986,
29.0180

■ 26.6834, 24.1137,
32.4045

■ 21.4180, 14.6020,
27.5074

■ 29.0505, 28.4920,
34.2907

■ 20.2226, 12.5349,
26.1108

■ 31.7469, 33.5207,
36.3118

■ 19.2772, 10.9600,
24.8219

■ 34.7853, 39.2252,
38.4722

■ 18.5605, 9.8346,
23.6334

■ 38.1777, 45.6295,
40.7761

■ 18.0476, 9.1089,
22.5369

■ 41.9355, 52.7563,
43.2275

■ 17.6821, 8.6706,
21.5133

■ 46.0697, 60.6275,
45.8302

■ 17.6641, 8.6495,
21.4615

■ 50.5908, 69.2639,
48.5878

■ 55.5087, 78.6855,
51.5037

Harmonies

Analogous

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



22.3831, 20.3579, 38.6385



24.6315, 20.3579, 30.6482



25.4299, 20.3579, 21.7728

Triad

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



24.6315, 20.3579, 30.6482



19.2117, 20.3579, 9.7918



14.9988, 20.3579, 31.5070

Complementary

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



24.6315, 20.3579, 30.6482



21.5897, 28.4005, 21.4847

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.



14.3250, 20.3579, 22.5645



24.6315, 20.3579, 30.6482



16.6033, 20.3579, 11.2013

Square

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



24.6315, 20.3579, 30.6482



22.1204, 20.3579, 10.9520



14.8825, 20.3579, 15.4143



16.8204, 20.3579, 39.2146

Rectangle

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



24.6315, 20.3579, 30.6482



24.9754, 20.3579, 16.8623



14.8825, 20.3579, 15.4143



14.6392, 20.3579, 28.4801

Sweetspot

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



24.6321, 20.3588, 30.6486



52.9049, 52.0116, 62.3901



19.0036, 17.3815, 33.8062



11.5044, 11.1904, 13.6225



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.6321, 20.3588, 30.6486



42.7028, 33.2904, 53.8015



23.0100, 19.7099, 22.1064



6.8546, 6.7348, 8.0855



14.5609, 7.1289, 17.7367



0.2723, 0.1322, 0.3798

Inverse Universe

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



24.6321, 20.3588, 30.6486



42.7028, 33.2904, 53.8015



23.1025, 29.0056, 29.4511



6.8546, 6.7348, 8.0855



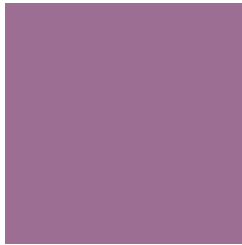
14.5609, 7.1289, 17.7367



0.2723, 0.1322, 0.3798

Previews

White Background



This preview shows how the XYZ color 24.6315, 20.3579, 30.6482 looks on a white 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

Black Background



This preview shows how the XYZ color 24.6315, 20.3579, 30.6482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

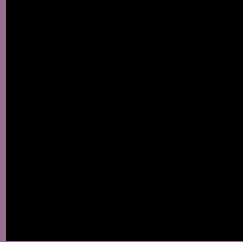
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.6315, 20.3579, 30.6482

Background



This preview shows how black text looks on a background with the XYZ color 24.6315, 20.3579, 30.6482.



This preview shows how white text looks on a background with the XYZ color 24.6315, 20.3579,

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

24.6315, 20.3579, 30.6482

Protanopia

20.6296, 20.6315, 34.7933

Deuteranopia

20.9002, 20.5064, 30.0507



Tritanopia

22.8428, 20.4638, 21.4849

Trichromacy



Original Color

24.6315, 20.3579, 30.6482

Protanomaly

21.7896, 20.3520, 33.3517

Deuteranomaly

22.2261, 20.4667, 30.3828

Tritanomaly

23.3964, 20.3462, 24.5239

Monochromacy



Original Color

24.6315, 20.3579, 30.6482

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.6918, 20.8273, 25.7985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6315, 20.3579, 30.6482 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(156, 110, 148)` looks like.

```
.text, #text, p{  
    color:rgb(156, 110, 148)  
}
```

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(156, 110, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 110, 148) }
```

Border

The CSS property to change the border of an element to XYZ 24.6315, 20.3579, 30.6482 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(156, 110, 148) }
```


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

```
.border{ border-color:rgb(156, 110, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 110, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 110, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 110, 148);  
box-shadow:4px 4px 4px 4px rgb(156, 110,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6315, 20.3579, 30.6482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 110, 148) }
```

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

```
.background{ background-color: rgb(156,  
110, 148) }
```

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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