

Converting Colors

XYZ(24.9819, 19.2975, 13.3275)

Have a look what the booklet for
XYZ(24.9819, 19.2975, 13.3275)
contains.

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Color

**XYZ(24.8875, 19.2149,
13.2236)**

Conversions

Conversions Part 1

Format	Color
Hex	B2635F
RGB	178, 99, 95
RGB Percent	70%, 39%, 37%
CMY	0.3020, 0.6117, 0.6274
CMYK	0.00, 0.44, 0.47, 0.30
HSL	3°, 35%, 54%
HSV	3°, 47%, 70%
XYZ	24.8875, 19.2149, 13.2236
YIQ	122.1650, 48.3680, 15.5040

Conversions

Conversions Part 2

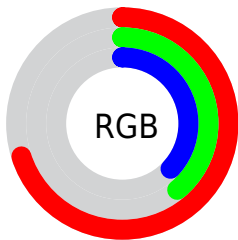
Format	Color
R _Y B	178, 99, 95
Decimal	11690847
CIE Lab	50.94, 31.35, 16.37
CIE LCh	51, 35.368, 27.564
Yxy	19.2149, 0.4341, 0.3352
Android (android.graphics.Color)	4289880927 (0xFFB2635F)
YUV	122.1650, -13.3923, 48.9673
Hunter-Lab	43.8348, 24.6337, 12.7984

Details

The XYZ color **24.8875, 19.2149, 13.2236** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **27.8904, 35.9176, 47.5822**, and the grayscale version is **18.5844, 19.5523, 21.2924**.

A 20% lighter version of the original color is **50.7695, 42.0104, 32.2210**, and **9.7210, 6.6405, 3.6751** is the 20% darker color. If you saturate the color by 10%, you get **22.7288, 16.0479, 8.9580**, and if you desaturate by 10%, it is **27.5687, 23.1312, 18.5758**.

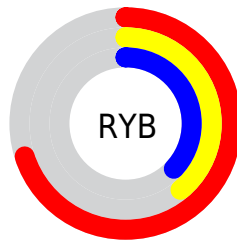
Distribution



Red (70%)

Green (39%)

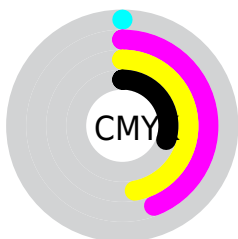
Blue (37%)



Red (70%)

Yellow (39%)

Blue (37%)

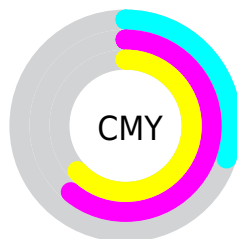


Cyan (0%)

Magenta (44%)

Yellow (47%)

Black (30%)



Cyan (30%)


Magenta (61%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.8875, 19.2149, 13.2236 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 24.8875, 19.2149, 13.2236 by changing the saturation by 10% instead.


 24.8875, 19.2149,
13.2236


 24.8875, 19.2149,
13.2236


269.6352,
247.6326, 223.6037

 16.1215, 11.8257,
7.4502


 50.9189, 42.0969,
32.4020


 9.7016, 6.6251,
3.6625


 68.9150, 58.3585,
46.6440

 5.2623, 3.2288,
1.4421

 90.7185, 78.3463,
64.5459

 2.4383, 1.2523,
0.1742

 116.6949,
102.4447, 86.5264

 0.8642, 0.1038,
0.0000

147.2094,
131.0382, 113.0038

 0.0000, 0.0000,
0.0000

182.6273,

164.5110, 144.3968

223.3142,
203.2477, 181.1239

■ 24.8875, 19.2149,
13.2236

■ 24.8875, 19.2149,
13.2236

■ 22.7288, 16.0479,
8.9580

■ 27.5687, 23.1312,
18.5758

■ 21.0573, 13.5796,
5.7037

■ 30.8019, 27.8372,
25.0808

■ 19.8353, 11.7581,
3.3773

■ 34.6162, 33.3739,
32.8009

■ 19.0191, 10.5227,
1.8820

■ 39.0380, 39.7787,
41.7935

■ 18.5540, 9.8003,
1.0861

■ 44.0924, 47.0868,
52.1125

■ 18.4533, 9.6514,
0.8903

■ 49.8028, 55.3312,
63.8085

■ 56.1916, 64.5434,
76.9297

■ 63.2800, 74.7534,
91.5216

■ 71.0561, 85.9770,
107.4579

Harmonies

Analogous

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



25.8287, 19.2149, 21.7500



24.8875, 19.2149, 13.2236



22.1075, 19.2149, 8.5246

Triad

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



24.8875, 19.2149, 13.2236



13.1610, 19.2149, 12.2079



17.9792, 19.2149, 46.6236

Complementary

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



24.8875, 19.2149, 13.2236



27.8904, 35.9176, 47.5822

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.



14.8926, 19.2149, 41.7166



24.8875, 19.2149, 13.2236



12.3413, 19.2149, 20.1149

Square

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



24.8875, 19.2149, 13.2236



15.3283, 19.2149, 8.0832



12.9329, 19.2149, 31.1443



21.5507, 19.2149, 43.0251

Rectangle

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



24.8875, 19.2149, 13.2236



19.7480, 19.2149, 7.1988



12.9329, 19.2149, 31.1443



16.8547, 19.2149, 45.8872

Sweetspot

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



24.8880, 19.2159, 13.2240



64.5863, 63.1480, 63.1609



30.2131, 20.7538, 43.0911



13.9487, 13.4681, 13.2616



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.



24.8880, 19.2159, 13.2240



41.1001, 28.9292, 16.0146



29.6970, 28.8338, 14.8269



8.5282, 8.5688, 8.8570



13.2170, 6.9326, 0.6415



0.4267, 0.2398, 0.0238

Inverse Universe

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



27.8904, 35.9176, 47.5822



47.2003, 62.9331, 86.0408



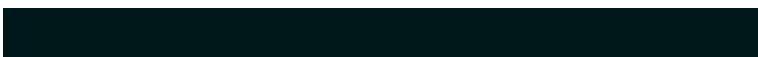
21.2436, 22.6239, 45.3666



8.7068, 9.5599, 10.8927



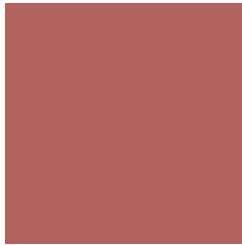
15.9699, 22.7401, 33.6846



0.5131, 0.7368, 1.0634

Previews

White Background



This preview shows how the XYZ color 24.8875, 19.2149, 13.2236 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 24.8875, 19.2149, 13.2236 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 24.8875, 19.2149, 13.2236

Background



This preview shows how black text looks on a background with the XYZ color 24.8875, 19.2149, 13.2236.

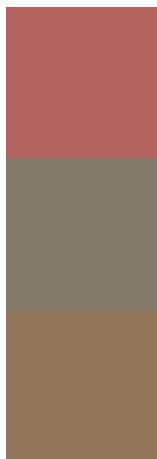


This preview shows how white text looks on a background with the XYZ color 24.8875, 19.2149,

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

24.8875, 19.2149, 13.2236

Protanopia

18.3410, 19.3045, 16.3951

Deuteranopia

19.6207, 19.3349, 12.8231



Tritanopia

25.5079, 19.3390, 15.7530

Trichromacy



Original Color

24.8875, 19.2149, 13.2236

Protanomaly

20.1575, 18.8806, 15.1523

Deuteranomaly

21.2620, 19.0101, 12.9046

Tritanomaly

25.3071, 19.2587, 14.6954

Monochromacy



Original Color

24.8875, 19.2149, 13.2236

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.0973, 18.9553, 17.9287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8875, 19.2149, 13.2236 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, 99, 95)` looks like.

```
.text, #text, p{  
    color:rgb(178, 99, 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(178, 99, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 99, 95) }
```

Border

The CSS property to change the border of an element to XYZ 24.8875, 19.2149, 13.2236 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, 99, 95) }
```


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

```
.border{ border-color:rgb(178, 99, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 99, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 99, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 99, 95);  
box-shadow:4px 4px 4px 4px rgb(178, 99,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8875, 19.2149, 13.2236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 99, 95) }
```

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

```
.background{ background-color: rgb(178, 99,  
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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