

Converting Colors

XYZ(19.2036, 15.4733, 30.8287)

Have a look what the booklet for
XYZ(19.2036, 15.4733, 30.8287)
contains.

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Color

**XYZ(19.2036, 15.4733,
30.8287)**

Conversions

Conversions Part 1

Format	Color
Hex	846096
RGB	132, 96, 150
RGB Percent	52%, 38%, 59%
CMY	0.4823, 0.6235, 0.4118
CMYK	0.12, 0.36, 0.00, 0.41
HSL	280°, 22%, 48%
HSV	280°, 36%, 59%
XYZ	19.2036, 15.4733, 30.8287
YIQ	112.9200, 4.1220, 24.4260

Conversions

Conversions Part 2

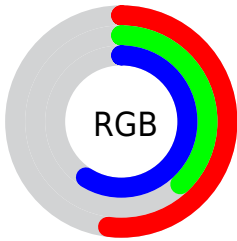
Format	Color
R_{YB}	132, 96, 150
Decimal	8675478
CIE _{Lab}	46.28, 24.96, -23.96
CIE _{LCh}	46, 34.600, 316.179
Yxy	15.4733, 0.2932, 0.2362
Android (android.graphics.Color)	4286865558 (0xFF846096)
YUV	112.9200, 18.2804, 16.7332
Hunter-Lab	39.3361, 18.3042, -18.9318

Details

The XYZ color **19.2036, 15.4733, 30.8287** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.9577, 26.2351, 15.0791**, and the grayscale version is **15.6195, 16.4329, 17.8954**.

A 20% lighter version of the original color is **41.5825, 35.6662, 61.8194**, and **6.7438, 4.8468, 12.3845** is the 20% darker color. If you saturate the color by 10%, you get **17.2003, 12.5994, 30.3798**, and if you desaturate by 10%, it is **21.5066, 18.8901, 31.3671**.

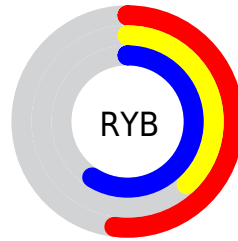
Distribution



Red (52%)

Green (38%)

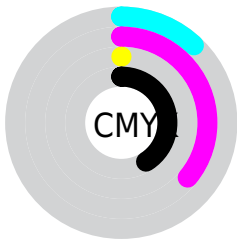
Blue (59%)



Red (52%)

Yellow (38%)

Blue (59%)

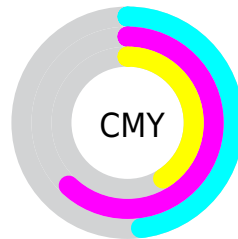


Cyan (12%)

Magenta (36%)

Yellow (0%)

Black (41%)



Cyan (48%)

Magenta (62%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2036, 15.4733, 30.8287 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 19.2036, 15.4733, 30.8287 by changing the saturation by 10% instead.

■ 19.2036, 15.4733,
30.8287

■ 19.2036, 15.4733,
30.8287

240.4870,
226.2134, 320.0751

■ 11.9224, 9.1522,
20.2111

■ 41.5921, 35.6814,
62.0467

■ 6.7627, 4.8406,
12.3630

■ 57.4300, 50.3372,
83.4841

■ 3.3591, 2.1540,
6.8658

■ 76.8509, 68.5400,
109.3653

■ 1.3464, 0.6948,
3.3012

■ 100.2201, 90.6742,
140.1086

■ 0.2175, 0.0000,
1.2504

127.9030,
117.1243, 176.1327

■ 0.0000, 0.0000,
0.0206

160.2648,

■ 0.0000, 0.0000,

148.2746, 217.8562

0.0000

197.6711,
184.5095, 265.6974

■ 19.2036, 15.4733,
30.8287

■ 19.2036, 15.4733,
30.8287

■ 17.2003, 12.5994,
30.3798

■ 21.5066, 18.8901,
31.3671

■ 15.4796, 10.2364,
30.0144

■ 24.1219, 22.8754,
31.9985

■ 14.0253, 8.3519,
29.7273

■ 27.0633, 27.4559,
32.7276

■ 12.8182, 6.9087,
29.5124

■ 30.3433, 32.6556,
33.5583

■ 11.8368, 5.8643,
29.3625

■ 33.9736, 38.4974,
34.4946

■ 11.0498, 5.1571,
29.2675

■ 37.9654, 45.0028,
35.5399

■ 10.7606, 4.9113,
29.2353

■ 42.3293, 52.1926,
36.6976

■ 47.0755, 60.0865,
37.9711

■ 52.2139, 68.7032,
39.3635

Harmonies

Analogous

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



16.3491, 15.4733, 37.8305



19.2036, 15.4733, 30.8287



20.9494, 15.4733, 21.0459

Triad

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



19.2036, 15.4733, 30.8287



16.1077, 15.4733, 5.4648



9.8933, 15.4733, 21.8058

Complementary

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



19.2036, 15.4733, 30.8287



19.9577, 26.2351, 15.0791

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.



9.8469, 15.4733, 13.2488



19.2036, 15.4733, 30.8287



13.1785, 15.4733, 5.5471

Square

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



19.2036, 15.4733, 30.8287



19.0066, 15.4733, 7.6168



10.9734, 15.4733, 7.8995



11.1101, 15.4733, 31.5432

Rectangle

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



19.2036, 15.4733, 30.8287



21.1164, 15.4733, 15.1548



10.9734, 15.4733, 7.8995



9.7465, 15.4733, 18.6624

Sweetspot

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



19.2041, 15.4739, 30.8290



44.9783, 44.1011, 57.0630



16.4488, 16.9282, 31.2550



9.8309, 9.5606, 12.6121



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.2041, 15.4739, 30.8290



31.0719, 23.2481, 53.7709



21.6360, 16.8004, 27.6547



5.8494, 5.8133, 7.2835



8.9594, 4.0913, 24.2485



0.1410, 0.0662, 0.2983

Inverse Universe

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



19.7984, 16.0653, 17.9778



32.4283, 24.5376, 27.1647



18.2346, 25.3014, 17.0467



5.8758, 5.8454, 6.4521



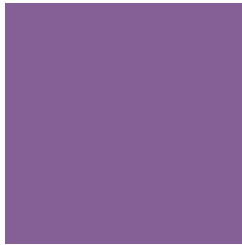
10.9228, 5.5742, 3.0748



0.1463, 0.0733, 0.1041

Previews

White Background



This preview shows how the XYZ color 19.2036, 15.4733, 30.8287 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 19.2036, 15.4733, 30.8287

Background



This preview shows how black text looks on a background with the XYZ color 19.2036, 15.4733, 30.8287.



This preview shows how white text looks on a background with the XYZ color 19.2036, 15.4733,

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

19.2036, 15.4733, 30.8287

Protanopia

16.2219, 15.5903, 35.4120

Deuteranopia

15.8534, 15.5159, 30.1763



Tritanopia

16.4791, 15.5061, 17.4537

Trichromacy



Original Color

19.2036, 15.4733, 30.8287

Protanomaly

17.0145, 15.4267, 33.5334

Deuteranomaly

16.9307, 15.4501, 30.5236

Tritanomaly

17.3217, 15.4029, 21.7988

Monochromacy



Original Color

19.2036, 15.4733, 30.8287

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.7693, 16.0148, 21.9460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2036, 15.4733, 30.8287 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(132, 96, 150)` looks like.

```
.text, #text, p{  
    color:rgb(132, 96, 150)  
}
```

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(132, 96, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 96, 150) }
```

Border

The CSS property to change the border of an element to XYZ 19.2036, 15.4733, 30.8287 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(132, 96, 150) }
```


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

```
.border{ border-color:rgb(132, 96, 150) }
```

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

Here you see how a box with a 4 pixel rgb(132, 96, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 96, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 96, 150);  
box-shadow:4px 4px 4px 4px rgb(132, 96,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2036, 15.4733, 30.8287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 96, 150) }
```

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

```
.background{ background-color: rgb(132, 96,  
150) }
```

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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