

Converting Colors

XYZ(20.4330, 17.6343, 30.5646)

Have a look what the booklet for
XYZ(20.4330, 17.6343, 30.5646)
contains.

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Color

**XYZ(20.4104, 17.5463,
30.7448)**

Conversions

Conversions Part 1

Format	Color
Hex	866A95
RGB	134, 106, 149
RGB Percent	53%, 42%, 58%
CMY	0.4745, 0.5843, 0.4157
CMYK	0.10, 0.29, 0.00, 0.42
HSL	279°, 17%, 50%
HSV	279°, 29%, 58%
XYZ	20.4104, 17.5463, 30.7448
YIQ	119.2740, 2.8850, 19.3090

Conversions

Conversions Part 2

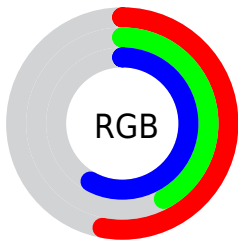
Format	Color
RYB	134, 106, 149
Decimal	8809109
CIELab	48.94, 19.50, -19.24
CIElCh	49, 27.394, 315.376
Yxy	17.5463, 0.2971, 0.2554
Android (android.graphics.Color)	4286999189 (0xFF866A95)
YUV	119.2740, 14.6549, 12.9147
Hunter-Lab	41.8883, 13.6710, -14.1953

Details

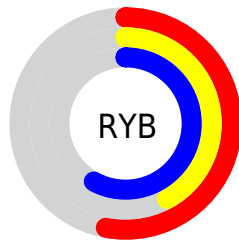
The XYZ color **20.4104, 17.5463, 30.7448** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.2346, 26.6008, 17.6517**, and the grayscale version is **17.5762, 18.4915, 20.1373**.

A 20% lighter version of the original color is **43.7454, 39.4569, 61.8102**, and **7.3738, 5.7928, 12.2847** is the 20% darker color. If you saturate the color by 10%, you get **18.1983, 14.3215, 30.2392**, and if you desaturate by 10%, it is **22.9312, 21.3272, 31.3420**.

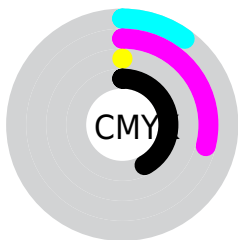
Distribution



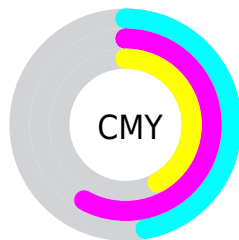
- Red (53%)
- Green (42%)
- Blue (58%)



- Red (53%)
- Yellow (42%)
- Blue (58%)



- Cyan (10%)
- Magenta (29%)
- Yellow (0%)
- Black (42%)



- Cyan (47%)
- Magenta (58%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4104, 17.5463, 30.7448 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 20.4104, 17.5463, 30.7448 by changing the saturation by 10% instead.

■ 20.4104, 17.5463,
30.7448

■ 20.4104, 17.5463,
30.7448

246.9197,
238.3012, 319.6756

■ 12.8037, 10.6248,
20.1478

■ 43.6029, 39.2627,
61.9129

■ 7.3696, 5.8151,
12.3174

■ 59.9194, 54.8263,
83.3211

■ 3.7427, 2.7330,
6.8350

■ 79.8699, 74.0395,
109.1700

■ 1.5576, 0.9940,
3.2823

■ 103.8198, 97.2865,
139.8783

■ 0.3645, 0.0000,
1.2405

132.1343,
124.9517, 175.8645

■ 0.0000, 0.0000,
0.0123

165.1789,

■ 0.0000, 0.0000,

157.4197, 217.5471

0.0000

203.3189,
195.0747, 265.3446

■ 20.4104, 17.5463,
30.7448

■ 20.4104, 17.5463,
30.7448

■ 18.1983, 14.3215,
30.2392

■ 22.9312, 21.3272,
31.3420

■ 16.2787, 11.6226,
29.8194

■ 25.7723, 25.6879,
32.0339

■ 14.6367, 9.4201,
29.4809

■ 28.9469, 30.6533,
32.8251

■ 13.2549, 7.6803,
29.2179

■ 32.4667, 36.2462,
33.7191

■ 12.1141, 6.3654,
29.0242

■ 36.3430, 42.4884,
34.7197

■ 11.1917, 5.4313,
28.8925

■ 40.5864, 49.4005,
35.8302

■ 10.4393, 4.7824,
28.8069

■ 45.2073, 57.0020,
37.0538

■ 10.3573, 4.7127,
28.7978

■ 50.2152, 65.3118,
38.3939

■ 55.6199, 74.3481,
39.8532

Harmonies

Analogous

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



18.0095, 17.5463, 36.0657



20.4104, 17.5463, 30.7448



21.8776, 17.5463, 22.8684

Triad

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



20.4104, 17.5463, 30.7448



17.9442, 17.5463, 8.4953



12.3877, 17.5463, 23.0695

Complementary

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



20.4104, 17.5463, 30.7448



21.2346, 26.6008, 17.6517

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.



12.3741, 17.5463, 15.7788



20.4104, 17.5463, 30.7448



15.4124, 17.5463, 8.5231

Square

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



20.4104, 17.5463, 30.7448



20.3584, 17.5463, 10.7617



13.4295, 17.5463, 10.8507



13.4689, 17.5463, 30.9239

Rectangle

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



20.4104, 17.5463, 30.7448



22.0423, 17.5463, 17.8210



13.4295, 17.5463, 10.8507



12.2621, 17.5463, 20.4491

Sweetspot

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



20.4110, 17.5470, 30.7452



45.9798, 45.7326, 57.3251



18.2127, 18.9217, 31.1264



10.0327, 9.8920, 12.6654



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.



20.4110, 17.5470, 30.7452



33.7798, 27.3616, 54.4222



22.4728, 18.6678, 28.2274



5.8409, 5.8090, 7.2831



8.7498, 3.9833, 24.2387



0.1390, 0.0652, 0.2982

Inverse Universe

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



21.0001, 18.0788, 20.4724



35.1292, 28.5471, 32.3573



19.6416, 25.7394, 19.3946



5.8794, 5.8468, 6.4708



10.9659, 5.5914, 3.3012



0.1472, 0.0736, 0.1086

Previews

White Background



This preview shows how the XYZ color 20.4104, 17.5463, 30.7448 looks on a white background.

Color Contrast Check

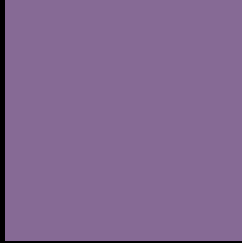
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.4104, 17.5463, 30.7448 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 20.4104, 17.5463, 30.7448

Background



This preview shows how black text looks on a background with the XYZ color 20.4104, 17.5463, 30.7448.



This preview shows how white text looks on a background with the XYZ color 20.4104, 17.5463,

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

20.4104, 17.5463, 30.7448

Protanopia

17.9572, 17.6650, 33.9157

Deuteranopia

17.9659, 17.5860, 30.0513



Tritanopia

18.3903, 17.6902, 20.2146

Trichromacy



Original Color

20.4104, 17.5463, 30.7448

Protanomaly

18.7464, 17.6013, 32.5463

Deuteranomaly

18.7755, 17.5001, 30.4052

Tritanomaly

19.0327, 17.6158, 23.8698

Monochromacy



Original Color

20.4104, 17.5463, 30.7448

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.3588, 17.9314, 23.6126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4104, 17.5463, 30.7448 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(134, 106, 149)` looks like.

```
.text, #text, p{  
    color:rgb(134, 106, 149)  
}
```

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(134, 106, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 106, 149) }
```

Border

The CSS property to change the border of an element to XYZ 20.4104, 17.5463, 30.7448 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(134, 106, 149) }
```


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

```
.border{ border-color:rgb(134, 106, 149) }
```

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

Here you see how a box with a 4 pixel rgb(134, 106, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 106, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 106, 149);  
box-shadow:4px 4px 4px 4px rgb(134, 106,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4104, 17.5463, 30.7448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 106, 149) }
```

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

```
.background{ background-color: rgb(134,  
106, 149) }
```

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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