

Converting Colors

XYZ(20.4178, 17.7638, 30.2421)

Have a look what the booklet for
XYZ(20.4178, 17.7638, 30.2421)
contains.

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Color

**XYZ(20.4345, 17.7218,
30.3606)**

Conversions

Conversions Part 1

Format	Color
Hex	866B94
RGB	134, 107, 148
RGB Percent	53%, 42%, 58%
CMY	0.4745, 0.5804, 0.4196
CMYK	0.09, 0.28, 0.00, 0.42
HSL	280°, 16%, 50%
HSV	280°, 28%, 58%
XYZ	20.4345, 17.7218, 30.3606
YIQ	119.7470, 2.9310, 18.4750

Conversions

Conversions Part 2

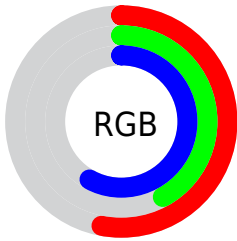
Format	Color
RYB	134, 107, 148
Decimal	8809364
CIELab	49.16, 18.68, -18.32
CIElCh	49, 26.169, 315.562
Yxy	17.7218, 0.2982, 0.2586
Android (android.graphics.Color)	4286999444 (0xFF866B94)
YUV	119.7470, 13.9287, 12.4999
Hunter-Lab	42.0973, 12.9757, -13.2919

Details

The XYZ color **20.4345, 17.7218, 30.3606** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.1294, 26.3067, 17.8747**, and the grayscale version is **17.7286, 18.6519, 20.3119**.

A 20% lighter version of the original color is **43.7978, 39.7519, 61.2416**, and **7.3778, 5.8758, 12.0546** is the 20% darker color. If you saturate the color by 10%, you get **18.2354, 14.4906, 29.8531**, and if you desaturate by 10%, it is **22.9374, 21.5025, 30.9587**.

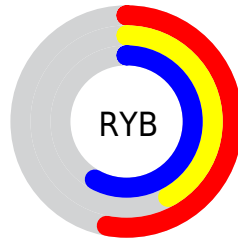
Distribution



Red (53%)

Green (42%)

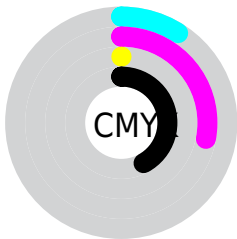
Blue (58%)



Red (53%)

Yellow (42%)

Blue (58%)

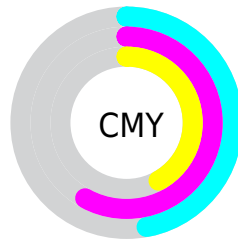


Cyan (9%)

Magenta (28%)

Yellow (0%)

Black (42%)



Cyan (47%)

Magenta (58%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4345, 17.7218, 30.3606 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 20.4345, 17.7218, 30.3606 by changing the saturation by 10% instead.

■ 20.4345, 17.7218,
30.3606

■ 20.4345, 17.7218,
30.3606

247.0467,
239.2983, 317.8412

■ 12.8214, 10.7504,
19.8581

■ 43.6429, 39.5627,
61.2997

■ 7.3818, 5.8993,
12.1089

■ 59.9688, 55.2010,
82.5734

■ 3.7504, 2.7839,
6.6944

■ 79.9298, 74.4972,
108.2745

■ 1.5619, 1.0200,
3.1962

■ 103.8910, 97.8354,
138.8217

■ 0.3674, 0.0000,
1.1957

132.2180,
125.6003, 174.6334

■ 0.0000, 0.0000,
0.0000

165.2761,

158.1761, 216.1282

203.4305,
195.9473, 263.7246

■ 20.4345, 17.7218,
30.3606

■ 20.4345, 17.7218,
30.3606

■ 18.2354, 14.4906,
29.8531

■ 22.9374, 21.5025,
30.9587

■ 16.3244, 11.7796,
29.4305

■ 25.7553, 25.8558,
31.6505

■ 14.6868, 9.5599,
29.0884

■ 28.9010, 30.8061,
32.4402

■ 13.3060, 7.7990,
28.8213

■ 32.3861, 36.3757,
33.3315

■ 12.1631, 6.4603,
28.6231

■ 36.2215, 42.5857,
34.3280

■ 11.2367, 5.5012,
28.4868

■ 40.4176, 49.4562,
35.4330

■ 10.4871, 4.8436,
28.3994

■ 44.9844, 57.0065,
36.6497

■ 10.3247, 4.7051,
28.3812

■ 49.9314, 65.2551,
37.9811

■ 55.2679, 74.2196,
39.4301

Harmonies

Analogous

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



18.1390, 17.7218, 35.4194



20.4345, 17.7218, 30.3606



21.8276, 17.7218, 22.8573

Triad

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



20.4345, 17.7218, 30.3606



18.0455, 17.7218, 8.9617



12.7032, 17.7218, 23.1444

Complementary

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



20.4345, 17.7218, 30.3606



21.1294, 26.3067, 17.8747

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.



12.6834, 17.7218, 16.1253



20.4345, 17.7218, 30.3606



15.6122, 17.7218, 9.0028

Square

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



20.4345, 17.7218, 30.3606



20.3603, 17.7218, 11.1805



13.7009, 17.7218, 11.3110



13.7579, 17.7218, 30.6142

Rectangle

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



20.4345, 17.7218, 30.3606



21.9783, 17.7218, 18.0184



13.7009, 17.7218, 11.3110



12.5789, 17.7218, 20.6327

Sweetspot

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



20.4351, 17.7226, 30.3610



45.2030, 45.2460, 55.7855



18.2893, 19.0246, 30.7254



10.1525, 10.0698, 12.6934



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.



20.4351, 17.7226, 30.3610



33.6813, 27.7594, 53.0175



22.3421, 18.7604, 27.9761



5.8450, 5.8111, 7.2833



8.8487, 4.0342, 24.2433



0.1400, 0.0657, 0.2982

Inverse Universe

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



20.9222, 18.1924, 20.4986



34.7658, 28.7750, 32.4444



19.6430, 25.5017, 19.5548



5.8777, 5.8461, 6.4619



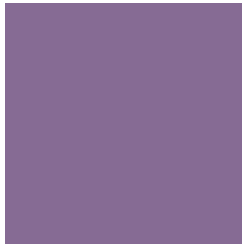
10.9451, 5.5831, 3.1922



0.1468, 0.0735, 0.1065

Previews

White Background



This preview shows how the XYZ color 20.4345, 17.7218, 30.3606 looks on a white background.

Color Contrast Check

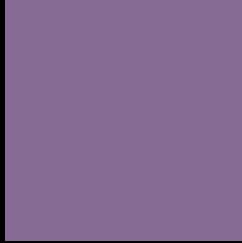
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.4345, 17.7218, 30.3606 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 20.4345, 17.7218, 30.3606

Background



This preview shows how black text looks on a background with the XYZ color 20.4345, 17.7218, 30.3606.



This preview shows how white text looks on a background with the XYZ color 20.4345, 17.7218,

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

20.4345, 17.7218, 30.3606

Protanopia

18.0220, 17.8880, 33.0747

Deuteranopia

18.1291, 17.8475, 29.6835



Tritanopia

18.4513, 17.7146, 20.5359

Trichromacy



Original Color

20.4345, 17.7218, 30.3606

Protanomaly

18.7751, 17.7903, 32.1501

Deuteranomaly

18.9458, 17.7599, 30.0332

Tritanomaly

19.0327, 17.6158, 23.8698

Monochromacy



Original Color

20.4345, 17.7218, 30.3606

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.6174, 18.2331, 23.6572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4345, 17.7218, 30.3606 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, 107, 148)` looks like.

```
.text, #text, p{  
    color:rgb(134, 107, 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(134, 107, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 107, 148) }
```

Border

The CSS property to change the border of an element to XYZ 20.4345, 17.7218, 30.3606 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, 107, 148) }
```


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

```
.border{ border-color:rgb(134, 107, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 107, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 107, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 107, 148);  
box-shadow:4px 4px 4px 4px rgb(134, 107,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4345, 17.7218, 30.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 107, 148) }
```

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

```
.background{ background-color: rgb(134,  
107, 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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