

Converting Colors

XYZ(20.0130, 17.4615, 25.5055)

Have a look what the booklet for
XYZ(20.0130, 17.4615, 25.5055)
contains.

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Color

**XYZ(20.0792, 17.4889,
25.6100)**

Conversions

Conversions Part 1

Format	Color
Hex	8A6A88
RGB	138, 106, 136
RGB Percent	54%, 42%, 53%
CMY	0.4588, 0.5843, 0.4667
CMYK	0.00, 0.23, 0.01, 0.46
HSL	304°, 13%, 48%
HSV	304°, 23%, 54%
XYZ	20.0792, 17.4889, 25.6100
YIQ	118.9880, 9.4420, 16.1140

Conversions

Conversions Part 2

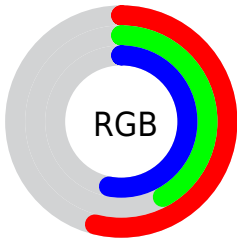
Format	Color
R_{YB}	138, 106, 136
Decimal	9071240
CIE _{Lab}	48.87, 18.17, -11.61
CIE _{LCh}	49, 21.566, 327.426
Yxy	17.4889, 0.3178, 0.2768
Android (android.graphics.Color)	4287261320 (0xFF8A6A88)
YUV	118.9880, 8.3869, 16.6735
Hunter-Lab	41.8197, 12.5199, -7.0348

Details

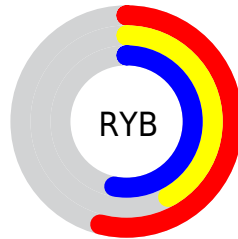
The XYZ color **20.0792, 17.4889, 25.6100** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.7398, 22.3244, 17.5623**, and the grayscale version is **17.5034, 18.4150, 20.0539**.

A 20% lighter version of the original color is **43.1504, 39.3343, 53.4621**, and **7.2173, 5.7727, 9.5380** is the 20% darker color. If you saturate the color by 10%, you get **18.7091, 14.8460, 24.8522**, and if you desaturate by 10%, it is **21.6798, 20.5912, 26.4474**.

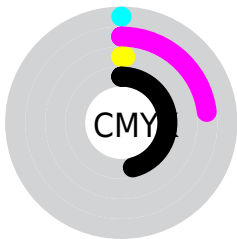
Distribution



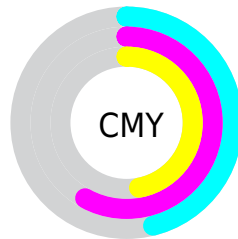
- Red (54%)
- Green (42%)
- Blue (53%)



- Red (54%)
- Yellow (42%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (1%)
- Black (46%)



- Cyan (46%)
- Magenta (58%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0792, 17.4889, 25.6100 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 20.0792, 17.4889, 25.6100 by changing the saturation by 10% instead.

■ 20.0792, 17.4889,
25.6100

■ 20.0792, 17.4889,
25.6100

245.1689,
237.9742, 294.4066

■ 12.5612, 10.5837,
16.3090

■ 43.0529, 39.1645,
53.6214

■ 7.2020, 5.7876,
9.5863

■ 59.2393, 54.7036,
73.1689

■ 3.6362, 2.7164,
5.0236

■ 79.0458, 73.8895,
96.9690

■ 1.4985, 0.9855,
2.2021

■ 102.8380, 97.1066,
125.4401

■ 0.3248, 0.0000,
0.6756

130.9810,
124.7392, 159.0009

■ 0.0000, 0.0000,
0.0000

163.8402,

157.1717, 198.0699

201.7811,
194.7886, 243.0656

■ 20.0792, 17.4889,
25.6100

■ 20.0792, 17.4889,
25.6100

■ 18.7091, 14.8460,
24.8522

■ 21.6798, 20.5912,
26.4474

■ 17.5568, 12.6385,
24.1693

■ 23.5194, 24.1711,
27.3668

■ 16.6112, 10.8434,
23.5577

■ 25.6081, 28.2486,
28.3716

■ 15.8592, 9.4349,
23.0130

■ 27.9551, 32.8416,
29.4650

■ 15.2865, 8.3841,
22.5305

■ 30.5689, 37.9674,
30.6498

■ 14.8767, 7.6582,
22.1047

■ 33.4576, 43.6425,
31.9286

■ 14.6102, 7.2182,
21.7291

■ 36.6293, 49.8825,
33.3043

■ 14.4688, 6.9983,
21.4879

■ 40.0913, 56.7025,
34.7792

■ 43.8510, 64.1170,
36.3558

Harmonies

Analogous

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



18.4580, 17.4889, 30.5888



20.0792, 17.4889, 25.6100



20.7688, 17.4889, 19.5414

Triad

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



20.0792, 17.4889, 25.6100



16.7960, 17.4889, 10.0217



13.4371, 17.4889, 24.5803

Complementary

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



20.0792, 17.4889, 25.6100



17.7398, 22.3244, 17.5623

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.



13.0687, 17.4889, 18.5521



20.0792, 17.4889, 25.6100



14.9132, 17.4889, 10.8430

Square

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



20.0792, 17.4889, 25.6100



18.7806, 17.4889, 11.1863



13.5875, 17.4889, 13.7062



14.6367, 17.4889, 29.9153

Rectangle

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



20.0792, 17.4889, 25.6100



20.5691, 17.4889, 15.9303



13.5875, 17.4889, 13.7062



13.2163, 17.4889, 22.5355

Sweetspot

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



20.0797, 17.4897, 25.6104



40.1199, 40.0016, 47.5782



15.8780, 15.3070, 26.1628



8.9644, 8.9054, 10.6545



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



20.0797, 17.4897, 25.6104



34.0371, 28.2085, 44.4021



19.0504, 17.0779, 20.1898



5.2206, 5.1237, 6.2500



13.2677, 6.4172, 19.7116



0.0900, 0.0434, 0.1409

Inverse Universe

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



20.0797, 17.4897, 25.6104



34.0371, 28.2085, 44.4021



18.6458, 22.6868, 22.3333



5.2206, 5.1237, 6.2500



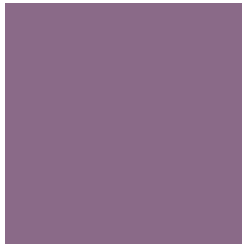
13.2677, 6.4172, 19.7116



0.0900, 0.0434, 0.1409

Previews

White Background



This preview shows how the XYZ color 20.0792, 17.4889, 25.6100 looks on a white background.

Color Contrast Check

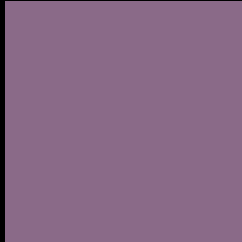
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.0792, 17.4889, 25.6100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

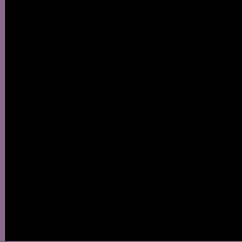
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.0792, 17.4889, 25.6100

Background



This preview shows how black text looks on a background with the XYZ color 20.0792, 17.4889, 25.6100.



This preview shows how white text looks on a background with the XYZ color 20.0792, 17.4889,

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

20.0792, 17.4889, 25.6100

Protanopia

17.4436, 17.5295, 28.0553

Deuteranopia

17.8861, 17.4815, 25.3532



Tritanopia

18.7303, 17.3962, 19.5101

Trichromacy



Original Color

20.0792, 17.4889, 25.6100

Protanomaly

18.2735, 17.4749, 27.2208

Deuteranomaly

18.5533, 17.3368, 25.2901

Tritanomaly

19.2176, 17.4400, 21.7554

Monochromacy



Original Color

20.0792, 17.4889, 25.6100

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.3232, 17.9509, 21.9012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0792, 17.4889, 25.6100 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(138, 106, 136)` looks like.

```
.text, #text, p{  
    color:rgb(138, 106, 136)  
}
```

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(138, 106, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 106, 136) }
```

Border

The CSS property to change the border of an element to XYZ 20.0792, 17.4889, 25.6100 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(138, 106, 136) }
```


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

```
.border{ border-color:rgb(138, 106, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 106, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 106, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 106, 136);  
box-shadow:4px 4px 4px 4px rgb(138, 106,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0792, 17.4889, 25.6100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 106, 136) }
```

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

```
.background{ background-color: rgb(138,  
106, 136) }
```

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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