

Converting Colors

XYZ(20.6285, 17.8029, 24.2618)

Have a look what the booklet for
XYZ(20.6285, 17.8029, 24.2618)
contains.

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Color

**XYZ(20.6466, 17.8137,
24.1800)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6A84
RGB	143, 106, 132
RGB Percent	56%, 42%, 52%
CMY	0.4392, 0.5843, 0.4824
CMYK	0.00, 0.26, 0.08, 0.44
HSL	318°, 15%, 49%
HSV	318°, 26%, 56%
XYZ	20.6466, 17.8137, 24.1800
YIQ	120.0270, 13.7060, 15.9300

Conversions

Conversions Part 2

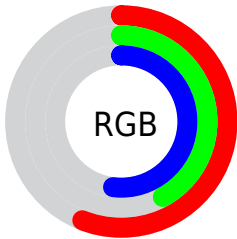
Format	Color
R_{YB}	143, 106, 132
Decimal	9398916
CIE _{Lab}	49.27, 19.23, -8.58
CIE _{LCh}	49, 21.060, 335.955
Yxy	17.8137, 0.3296, 0.2844
Android (android.graphics.Color)	4287588996 (0xFF8F6A84)
YUV	120.0270, 5.9027, 20.1473
Hunter-Lab	42.2063, 13.4582, -4.4229

Details

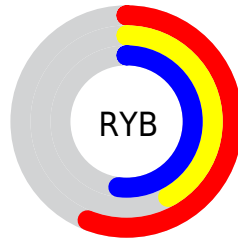
The XYZ color **20.6466, 17.8137, 24.1800** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.9780, 23.9940, 20.4618**, and the grayscale version is **17.8404, 18.7695, 20.4399**.

A 20% lighter version of the original color is **44.0098, 39.8268, 51.2667**, and **7.4880, 5.9260, 8.9328** is the 20% darker color. If you saturate the color by 10%, you get **19.0091, 14.9947, 22.2279**, and if you desaturate by 10%, it is **22.5428, 21.1306, 26.2772**.

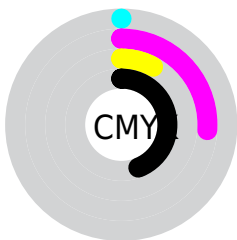
Distribution



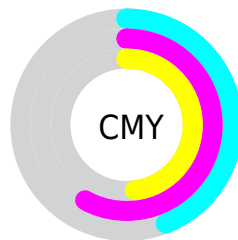
- Red (56%)
- Green (42%)
- Blue (52%)



- Red (56%)
- Yellow (42%)
- Blue (52%)



- Cyan (0%)
- Magenta (26%)
- Yellow (8%)
- Black (44%)



- Cyan (44%)
- Magenta (58%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6466, 17.8137, 24.1800 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 20.6466, 17.8137, 24.1800 by changing the saturation by 10% instead.

20.6466, 17.8137,
24.1800

20.6466, 17.8137,
24.1800

248.1618,
239.8189, 287.0451

12.9769, 10.8163,
15.2538

43.9944, 39.7196,
51.2713

7.4895, 5.9435,
8.8491

60.4031, 55.3969,
70.2734

3.8191, 2.8107,
4.5474

80.4556, 74.7364,
93.4713

1.6003, 1.0337,
1.9302

104.5173, 98.1223,
121.2833

0.3926, 0.0000,
0.5118

132.9533,
125.9391, 154.1282

0.0000, 0.0000,
0.0000

166.1292,

158.5712, 192.4245

204.4102,
196.4030, 236.5905

■ 20.6466, 17.8137,
24.1800

■ 20.6466, 17.8137,
24.1800

■ 19.0091, 14.9947,
22.2279

■ 22.5428, 21.1306,
26.2772

■ 17.6164, 12.6467,
20.4151

■ 24.7075, 24.9657,
28.5229

■ 16.4556, 10.7440,
18.7367

■ 27.1521, 29.3410,
30.9218

■ 15.5121, 9.2576,
17.1871

■ 29.8867, 34.2767,
33.4778

■ 14.7694, 8.1548,
15.7602

■ 32.9209, 39.7920,
36.1949

■ 14.2087, 7.3981,
14.4489

■ 36.2640, 45.9048,
39.0767

■ 13.8020, 6.9319,
13.2431

■ 39.9247, 52.6327,
42.1267

■ 13.6515, 6.7692,
12.7668

■ 43.9115, 59.9922,
45.3485

■ 48.2324, 67.9995,
48.7454

Harmonies

Analogous

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



19.2635, 17.8137, 29.6138



20.6466, 17.8137, 24.1800



21.0018, 17.8137, 18.2880

Triad

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



20.6466, 17.8137, 24.1800



16.5399, 17.8137, 10.4561



14.0362, 17.8137, 26.5183

Complementary

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



20.6466, 17.8137, 24.1800



18.9780, 23.9940, 20.4618

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.



13.4241, 17.8137, 20.5480



20.6466, 17.8137, 24.1800



14.7955, 17.8137, 11.8491

Square

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



20.6466, 17.8137, 24.1800



18.5284, 17.8137, 11.0541



13.6909, 17.8137, 15.2888



15.4289, 17.8137, 31.1373

Rectangle

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



20.6466, 17.8137, 24.1800



20.5855, 17.8137, 15.0097



13.6909, 17.8137, 15.2888



13.7375, 17.8137, 24.5632

Sweetspot

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



20.6471, 17.8145, 24.1804



43.3127, 43.0472, 50.1318



17.3797, 16.0384, 28.1666



9.8058, 9.6466, 11.3664



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.6471, 17.8145, 24.1804



35.2241, 28.8765, 41.2497



19.5206, 17.3639, 18.2482



5.5589, 5.4841, 6.4410



12.0799, 5.9890, 11.3380



0.1252, 0.0611, 0.1596

Inverse Universe

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



20.6471, 17.8145, 24.1804



35.2241, 28.8765, 41.2497



20.1390, 24.4584, 26.5755



5.5589, 5.4841, 6.4410



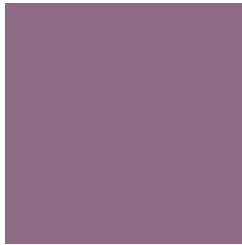
12.0799, 5.9890, 11.3380



0.1252, 0.0611, 0.1596

Previews

White Background



This preview shows how the XYZ color 20.6466, 17.8137, 24.1800 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 20.6466, 17.8137, 24.1800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

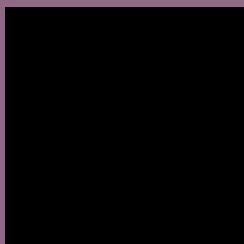
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.6466, 17.8137, 24.1800

Background



This preview shows how black text looks on a background with the XYZ color 20.6466, 17.8137, 24.1800.



This preview shows how white text looks on a background with the XYZ color 20.6466, 17.8137,

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

20.6466, 17.8137, 24.1800

Protanopia

17.7156, 17.8656, 26.9408

Deuteranopia

18.2150, 17.8573, 23.6059



Tritanopia

19.6640, 17.8844, 19.2452

Trichromacy



Original Color

20.6466, 17.8137, 24.1800

Protanomaly

18.5503, 17.6510, 25.7218

Deuteranomaly

18.9871, 17.7534, 23.8987

Tritanomaly

20.0307, 17.8810, 20.8080

Monochromacy



Original Color

20.6466, 17.8137, 24.1800

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.6709, 18.3059, 21.6181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6466, 17.8137, 24.1800 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(143, 106, 132)` looks like.

```
.text, #text, p{  
    color:rgb(143, 106, 132)  
}
```

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(143, 106, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 106, 132) }
```

Border

The CSS property to change the border of an element to XYZ 20.6466, 17.8137, 24.1800 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(143, 106, 132) }
```


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

```
.border{ border-color:rgb(143, 106, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 106, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 106, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 106, 132);  
box-shadow:4px 4px 4px 4px rgb(143, 106,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6466, 17.8137, 24.1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 106, 132) }
```

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

```
.background{ background-color: rgb(143,  
106, 132) }
```

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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