

Converting Colors

XYZ(20.1789, 17.7725, 22.1056)

Have a look what the booklet for
XYZ(20.1789, 17.7725, 22.1056)
contains.

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Color

**XYZ(20.1789, 17.7725,
22.1056)**

Conversions

Conversions Part 1

Format	Color
Hex	8E6B7E
RGB	142, 107, 126
RGB Percent	56%, 42%, 49%
CMY	0.4431, 0.5804, 0.5059
CMYK	0.00, 0.25, 0.11, 0.44
HSL	327°, 14%, 49%
HSV	327°, 25%, 56%
XYZ	20.1789, 17.7725, 22.1056
YIQ	119.6310, 14.7610, 13.3290

Conversions

Conversions Part 2

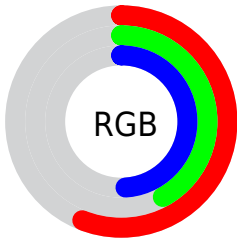
Format	Color
R_{YB}	142, 107, 126
Decimal	9333630
CIE _{Lab}	49.22, 17.16, -5.10
CIE _{LCh}	49, 17.905, 343.450
Yxy	17.7725, 0.3360, 0.2959
Android (android.graphics.Color)	4287523710 (0xFF8E6B7E)
YUV	119.6310, 3.1399, 19.6176
Hunter-Lab	42.1574, 11.6645, -1.5790

Details

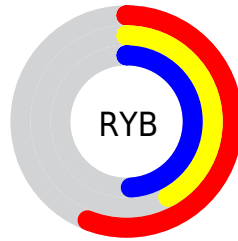
The XYZ color **20.1789, 17.7725, 22.1056** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.3122, 23.9023, 22.3356**, and the grayscale version is **17.7223, 18.6452, 20.3046**.

A 20% lighter version of the original color is **43.2998, 39.7867, 48.0453**, and **7.2179, 5.8879, 7.7772** is the 20% darker color. If you saturate the color by 10%, you get **18.4130, 14.8892, 19.5169**, and if you desaturate by 10%, it is **22.2162, 21.1545, 24.9193**.

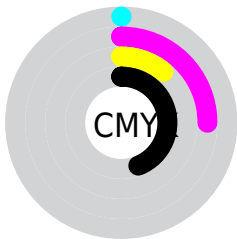
Distribution



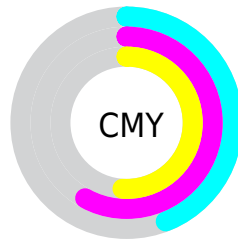
- Red (56%)
- Green (42%)
- Blue (49%)



- Red (56%)
- Yellow (42%)
- Blue (49%)



- Cyan (0%)
- Magenta (25%)
- Yellow (11%)
- Black (44%)



- Cyan (44%)
- Magenta (58%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1789, 17.7725, 22.1056 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 20.1789, 17.7725, 22.1056 by changing the saturation by 10% instead.

■ 20.1789, 17.7725,
22.1056

■ 20.1789, 17.7725,
22.1056

245.6971,
239.5856, 276.0687

■ 12.6342, 10.7868,
13.7355

■ 43.2186, 39.6493,
47.8249

■ 7.2524, 5.9236,
7.8003

■ 59.4442, 55.3091,
66.0111

■ 3.6682, 2.7987,
3.8815

■ 79.2943, 74.6292,
88.3065

■ 1.5162, 1.0276,
1.5605

■ 103.1340, 97.9938,
115.1295

■ 0.3368, 0.0000,
0.2624

131.3288,
125.7873, 146.8986

■ 0.0000, 0.0000,
0.0000

164.2440,

158.3942, 184.0325

202.2450,
196.1988, 226.9497

■ 20.1789, 17.7725,
22.1056

■ 20.1789, 17.7725,
22.1056

■ 18.4130, 14.8892,
19.5169

■ 22.2162, 21.1545,
24.9193

■ 16.9045, 12.4784,
17.1455

■ 24.5349, 25.0552,
27.9632

■ 15.6406, 10.5148,
14.9846

■ 27.1463, 29.4963,
31.2437

■ 14.6066, 8.9702,
13.0267

■ 30.0606, 34.4974,
34.7664

■ 13.7863, 7.8127,
11.2635

■ 33.2878, 40.0776,
38.5371

■ 13.1609, 7.0061,
9.6861

■ 36.8370, 46.2545,
42.5609

■ 12.7066, 6.5033,
8.2835

■ 40.7171, 53.0453,
46.8430

■ 12.4979, 6.2878,
7.5913

■ 44.9368, 60.4665,
51.3884

■ 49.5042, 68.5339,
56.2019

Harmonies

Analogous

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



19.2106, 17.7725, 26.8676



20.1789, 17.7725, 22.1056



20.2298, 17.7725, 17.2798

Triad

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



20.1789, 17.7725, 22.1056



16.1526, 17.7725, 11.6814



14.6557, 17.7725, 26.4299

Complementary

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



20.1789, 17.7725, 22.1056



19.3122, 23.9023, 22.3356

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.



13.9435, 17.7725, 21.5819



20.1789, 17.7725, 22.1056



14.7683, 17.7725, 13.3863

Square

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



20.1789, 17.7725, 22.1056



17.8284, 17.7725, 11.7741



13.9833, 17.7725, 16.8357



15.9894, 17.7725, 29.6333

Rectangle

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



20.1789, 17.7725, 22.1056



19.7309, 17.7725, 14.6901



13.9833, 17.7725, 16.8357



14.3398, 17.7725, 24.9067

Sweetspot

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



20.1794, 17.7733, 22.1060



42.1951, 42.3750, 47.9298



18.2735, 16.6618, 27.8443



9.3794, 9.3886, 10.6468



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



20.1794, 17.7733, 22.1060



33.6663, 28.1984, 36.2056



19.1605, 17.3657, 16.7405



5.5236, 5.4700, 6.2553



11.2305, 5.6492, 6.8652



0.1185, 0.0585, 0.1243

Inverse Universe

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



20.1794, 17.7733, 22.1060



33.6663, 28.1984, 36.2056



20.4890, 24.3730, 28.5325



5.5236, 5.4700, 6.2553



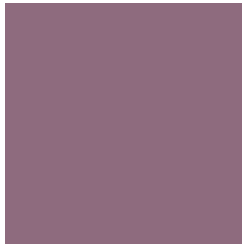
11.2305, 5.6492, 6.8652



0.1185, 0.0585, 0.1243

Previews

White Background



This preview shows how the XYZ color 20.1789, 17.7725, 22.1056 looks on a white background.

Color Contrast Check

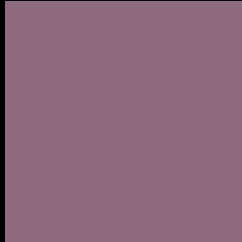
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.1789, 17.7725, 22.1056 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

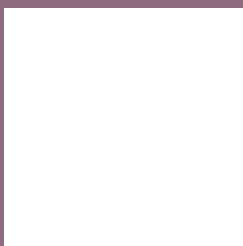
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.1789, 17.7725, 22.1056

Background



This preview shows how black text looks on a background with the XYZ color 20.1789, 17.7725, 22.1056.



This preview shows how white text looks on a background with the XYZ color 20.1789, 17.7725,

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

20.1789, 17.7725, 22.1056

Protanopia

17.4805, 17.8016, 24.3445

Deuteranopia

18.1764, 17.8753, 21.8943



Tritanopia

19.6640, 17.8844, 19.2452

Trichromacy



Original Color

20.1789, 17.7725, 22.1056

Protanomaly

18.3918, 17.7819, 23.5820

Deuteranomaly

18.7462, 17.6748, 21.8256

Tritanomaly

19.7372, 17.7439, 20.1540

Monochromacy



Original Color

20.1789, 17.7725, 22.1056

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.5457, 18.2558, 20.9586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1789, 17.7725, 22.1056 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(142, 107, 126)` looks like.

```
.text, #text, p{  
    color:rgb(142, 107, 126)  
}
```

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(142, 107, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 107, 126) }
```

Border

The CSS property to change the border of an element to XYZ 20.1789, 17.7725, 22.1056 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(142, 107, 126) }
```


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

```
.border{ border-color:rgb(142, 107, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 107, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 107, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 107, 126);  
box-shadow:4px 4px 4px 4px rgb(142, 107,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1789, 17.7725, 22.1056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 107, 126) }
```

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

```
.background{ background-color: rgb(142,  
107, 126) }
```

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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