

Converting Colors

XYZ(20.4287, 21.2817, 17.7829)

Have a look what the booklet for
XYZ(20.4287, 21.2817, 17.7829)
contains.

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Color

**XYZ(20.4287, 21.2817,
17.7829)**

Conversions

Conversions Part 1

Format	Color
Hex	887E6E
RGB	136, 126, 110
RGB Percent	53%, 49%, 43%
CMY	0.4667, 0.5059, 0.5686
CMYK	0.00, 0.07, 0.19, 0.47
HSL	37°, 11%, 48%
HSV	37°, 19%, 53%
XYZ	20.4287, 21.2817, 17.7829
YIQ	127.1660, 11.0960, -2.8560

Conversions

Conversions Part 2

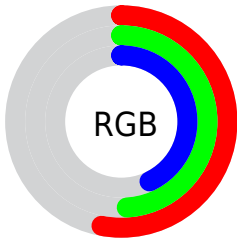
Format	Color
R_{YB}	126, 136, 110
Decimal	8945262
CIE _{Lab}	53.26, 0.99, 10.08
CIE _{LCh}	53, 10.133, 84.416
Yxy	21.2817, 0.3434, 0.3577
Android (android.graphics.Color)	4287135342 (0xFF887E6E)
YUV	127.1660, -8.4628, 7.7474
Hunter-Lab	46.1321, -1.6859, 9.4375

Details

The XYZ color **20.4287, 21.2817, 17.7829** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **17.5908, 18.5253, 25.9415**, and the grayscale version is **20.2558, 21.3107, 23.2073**.

A 20% lighter version of the original color is **43.6280, 45.6677, 40.6977**, and **7.3611, 7.6340, 5.6430** is the 20% darker color. If you saturate the color by 10%, you get **19.0932, 19.7060, 13.9607**, and if you desaturate by 10%, it is **21.9140, 22.9747, 22.2163**.

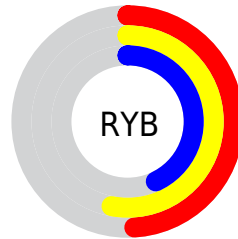
Distribution



Red (53%)

Green (49%)

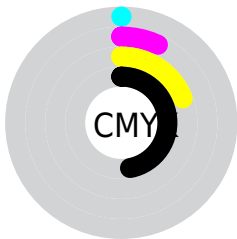
Blue (43%)



Red (49%)

Yellow (53%)

Blue (43%)

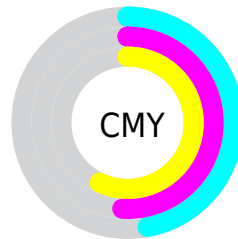


Cyan (0%)

Magenta (7%)

Yellow (19%)

Black (47%)



Cyan (47%)

Magenta (51%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4287, 21.2817, 17.7829 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 20.4287, 21.2817, 17.7829 by changing the saturation by 10% instead.

■ 20.4287, 21.2817,
17.7829

■ 20.4287, 21.2817,
17.7829

247.0161,
258.7718, 251.8394

■ 12.8171, 13.3301,
10.6264

■ 43.6333, 45.5559,
40.4760

■ 7.3789, 7.6562,
5.7052

■ 59.9569, 62.6472,
56.8496

■ 3.7486, 3.8758,
2.6008

■ 79.9154, 83.5540,
77.1328

■ 1.5609, 1.6043,
0.8929

■ 103.8739,
108.6604, 101.7439

■ 0.3667, 0.3605,
0.0000

132.1979,
138.3511, 131.1016

■ 0.0000, 0.0000,
0.0000

165.2527,

173.0102, 165.6244

203.4036,
213.0224, 205.7308

■ 20.4287, 21.2817,
17.7829

■ 20.4287, 21.2817,
17.7829

■ 19.0932, 19.7060,
13.9607

■ 21.9140, 22.9747,
22.2163

■ 17.9001, 18.2417,
10.7209

■ 23.5527, 24.7851,
27.2853

■ 16.8438, 16.8863,
8.0346

■ 25.3505, 26.7167,
33.0143

■ 15.9178, 15.6364,
5.8695

■ 27.3122, 28.7722,
39.4264

■ 15.1147, 14.4881,
4.1904

■ 29.4423, 30.9543,
46.5432

■ 14.4265, 13.4372,
2.9572

■ 31.7453, 33.2654,
54.3857

■ 13.8437, 12.4791,
2.1236

■ 34.2254, 35.7080,
62.9737

■ 13.3433, 11.6035,
1.5709

■ 36.8866, 38.2845,
72.3265

■ 13.3010, 11.5293,
1.5243

■ 39.7330, 40.9972,
82.4625

Harmonies

Analogous

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



21.4500, 21.2817, 18.6981



20.4287, 21.2817, 17.7829



19.3881, 21.2817, 18.2050

Triad

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



20.4287, 21.2817, 17.7829



18.4094, 21.2817, 25.6972



21.9495, 21.2817, 26.7771

Complementary

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



20.4287, 21.2817, 17.7829



17.5908, 18.5253, 25.9415

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.



21.0911, 21.2817, 28.9695



20.4287, 21.2817, 17.7829



19.0525, 21.2817, 28.3084

Square

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



20.4287, 21.2817, 17.7829



18.2461, 21.2817, 22.6029



20.0279, 21.2817, 29.5531



22.3477, 21.2817, 23.7509

Rectangle

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



20.4287, 21.2817, 17.7829



18.8200, 21.2817, 19.2088



20.0279, 21.2817, 29.5531



21.7037, 21.2817, 27.6463

Sweetspot

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



20.4293, 21.2827, 17.7834



39.4523, 41.4186, 41.7004



19.1441, 17.7522, 20.3147



9.1012, 9.5526, 9.5483



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.



20.4293, 21.2827, 17.7834



34.9387, 36.2638, 28.2580



21.3551, 23.7536, 18.2115



5.2722, 5.5273, 5.3414



12.5979, 10.9303, 1.4458



0.0979, 0.1011, 0.0143

Inverse Universe

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



17.5908, 18.5253, 25.9415



28.9743, 30.4705, 45.4026



16.7788, 16.4140, 25.5767



4.9221, 5.1871, 6.3476



5.3894, 4.0490, 22.5432



0.0492, 0.0537, 0.1542

Previews

White Background



This preview shows how the XYZ color 20.4287, 21.2817, 17.7829 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 20.4287, 21.2817, 17.7829 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 20.4287, 21.2817, 17.7829

Background



This preview shows how black text looks on a background with the XYZ color 20.4287, 21.2817, 17.7829.



This preview shows how white text looks on a background with the XYZ color 20.4287, 21.2817,

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

20.4287, 21.2817, 17.7829

Protanopia

20.0767, 21.2911, 17.8033

Deuteranopia

21.6293, 21.3334, 18.0167



Tritanopia

21.8953, 21.3208, 24.7911

Trichromacy



Original Color

20.4287, 21.2817, 17.7829

Protanomaly

20.2354, 21.3729, 17.8107

Deuteranomaly

21.2322, 21.3138, 18.0338

Tritanomaly

21.3270, 21.2738, 22.0510

Monochromacy



Original Color

20.4287, 21.2817, 17.7829

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.2465, 21.3050, 21.1343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4287, 21.2817, 17.7829 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(136, 126, 110)` looks like.

```
.text, #text, p{  
    color:rgb(136, 126, 110)  
}
```

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(136, 126, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 126, 110) }
```

Border

The CSS property to change the border of an element to XYZ 20.4287, 21.2817, 17.7829 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(136, 126, 110) }
```


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

```
.border{ border-color:rgb(136, 126, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 126, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 126, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 126, 110);  
box-shadow:4px 4px 4px 4px rgb(136, 126,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4287, 21.2817, 17.7829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 126, 110) }
```

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

```
.background{ background-color: rgb(136,  
126, 110) }
```

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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