

Converting Colors

XYZ(20.6386, 20.3353, 17.4381)

Have a look what the booklet for
XYZ(20.6386, 20.3353, 17.4381)
contains.

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Color

**XYZ(20.6321, 20.2879,
17.2965)**

Conversions

Conversions Part 1

Format	Color
Hex	8E786D
RGB	142, 120, 109
RGB Percent	56%, 47%, 43%
CMY	0.4431, 0.5294, 0.5725
CMYK	0.00, 0.15, 0.23, 0.44
HSL	20°, 13%, 49%
HSV	20°, 23%, 56%
XYZ	20.6321, 20.2879, 17.2965
YIQ	125.3240, 16.6430, 1.2430

Conversions

Conversions Part 2

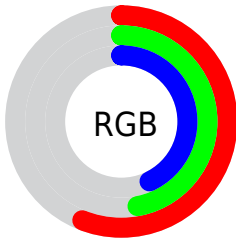
Format	Color
R_{YB}	142, 126, 109
Decimal	9336941
CIE Lab	52.16, 6.70, 9.20
CIE LCh	52, 11.382, 53.952
Yxy	20.2879, 0.3544, 0.3485
Android (android.graphics.Color)	4287527021 (0xFF8E786D)
YUV	125.3240, -8.0477, 14.6249
Hunter-Lab	45.0421, 2.9405, 8.7617

Details

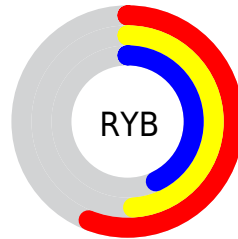
The XYZ color **20.6321, 20.2879, 17.2965** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.3052, 21.4360, 28.7113**, and the grayscale version is **19.6251, 20.6471, 22.4847**.

A 20% lighter version of the original color is **43.8626, 43.7789, 39.3961**, and **7.5013, 7.2067, 5.5531** is the 20% darker color. If you saturate the color by 10%, you get **18.8461, 17.8419, 13.2296**, and if you desaturate by 10%, it is **22.6553, 23.0103, 22.0523**.

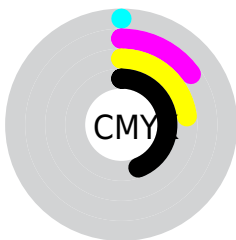
Distribution



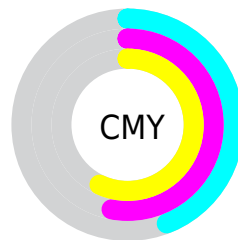
- Red (56%)
- Green (47%)
- Blue (43%)



- Red (56%)
- Yellow (49%)
- Blue (43%)



- Cyan (0%)
- Magenta (15%)
- Yellow (23%)
- Black (44%)



- Cyan (44%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6321, 20.2879, 17.2965 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 20.6321, 20.2879, 17.2965 by changing the saturation by 10% instead.

■ 20.6321, 20.2879,
17.2965

■ 20.6321, 20.2879,
17.2965

248.0857,
253.4694, 248.9768

■ 12.9663, 12.6045,
10.2819

■ 43.9703, 43.8993,
39.6325

■ 7.4822, 7.1568,
5.4782

■ 60.3735, 60.5962,
55.7910

■ 3.8144, 3.5603,
2.4669

■ 80.4197, 81.0663,
75.8345

■ 1.5977, 1.4308,
0.8225

■ 104.4745,
105.6940, 100.1816

■ 0.3909, 0.2393,
0.0000

132.9031,
134.8638, 129.2509

■ 0.0000, 0.0000,
0.0000

166.0710,

168.9600, 163.4608

204.3434,
208.3671, 203.2299

■ 20.6321, 20.2879,
17.2965

■ 20.6321, 20.2879,
17.2965

■ 18.8461, 17.8419,
13.2296

■ 22.6553, 23.0103,
22.0523

■ 17.2864, 15.6605,
9.8180

■ 24.9226, 26.0147,
27.5257

■ 15.9439, 13.7355,
7.0273

■ 27.4429, 29.3101,
33.7457

■ 14.8078, 12.0567,
4.8193

■ 30.2238, 32.9043,
40.7389

■ 13.8666, 10.6136,
3.1516

■ 33.2729, 36.8046,
48.5308

■ 13.1074, 9.3945,
1.9758

■ 36.5973, 41.0183,
57.1458

■ 12.5154, 8.3867,
1.2349

■ 40.2037, 45.5523,
66.6069

■ 12.1858, 7.8117,
0.8656

■ 44.0990, 50.4132,
76.9367

■ 48.2893, 55.6076,
88.1566

Harmonies

Analogous

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



21.4045, 20.2879, 19.5855



20.6321, 20.2879, 17.2965



19.5201, 20.2879, 16.3025

Triad

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



20.6321, 20.2879, 17.2965



17.1392, 20.2879, 21.4208



20.2072, 20.2879, 28.4901

Complementary

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



20.6321, 20.2879, 17.2965



19.3052, 21.4360, 28.7113

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.



19.0479, 20.2879, 29.1070



20.6321, 20.2879, 17.2965



17.3066, 20.2879, 24.7995

Square

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



20.6321, 20.2879, 17.2965



17.5272, 20.2879, 18.5244



17.9941, 20.2879, 27.6964



21.1523, 20.2879, 26.0863

Rectangle

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



20.6321, 20.2879, 17.2965



18.7477, 20.2879, 16.4283



17.9941, 20.2879, 27.6964



19.8285, 20.2879, 28.9227

Sweetspot

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



20.6326, 20.2888, 17.2969



42.3346, 43.7446, 44.6145



20.7208, 18.3270, 23.9182



9.4123, 9.7133, 9.8602



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.



20.6326, 20.2888, 17.2969



34.6497, 33.4127, 26.5218



22.7905, 24.6045, 18.0162



5.5467, 5.6996, 5.6972



10.9566, 7.0450, 0.7823



0.1234, 0.1047, 0.0137

Inverse Universe

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



19.3052, 21.4360, 28.7113



31.8754, 35.8045, 50.3588



17.2632, 17.3522, 28.0306



5.4108, 5.8174, 6.8665



8.0472, 9.0804, 24.3056



0.0973, 0.1275, 0.2392

Previews

White Background



This preview shows how the XYZ color 20.6321, 20.2879, 17.2965 looks on a white background.

Color Contrast Check

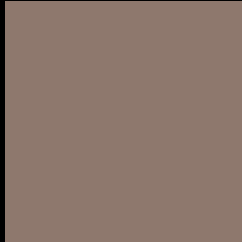
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6321, 20.2879, 17.2965 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 20.6321, 20.2879, 17.2965

Background



This preview shows how black text looks on a background with the XYZ color 20.6321, 20.2879, 17.2965.

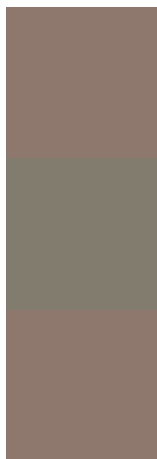


This preview shows how white text looks on a background with the XYZ color 20.6321, 20.2879,

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

20.6321, 20.2879, 17.2965

Protanopia

19.2828, 20.3088, 17.9426

Deuteranopia

20.6321, 20.2879, 17.2965



Tritanopia

21.6937, 20.1842, 22.8312

Trichromacy



Original Color

20.6321, 20.2879, 17.2965

Protanomaly

19.7289, 20.3600, 17.6419

Deuteranomaly

20.6321, 20.2879, 17.2965

Tritanomaly

21.1963, 20.1526, 20.5420

Monochromacy



Original Color

20.6321, 20.2879, 17.2965

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.7728, 20.3231, 20.3334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6321, 20.2879, 17.2965 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, 120, 109)` looks like.

```
.text, #text, p{  
    color:rgb(142, 120, 109)  
}
```

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, 120, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 120, 109) }
```

Border

The CSS property to change the border of an element to XYZ 20.6321, 20.2879, 17.2965 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, 120, 109) }
```


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

```
.border{ border-color:rgb(142, 120, 109) }
```

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

Here you see how a box with a 4 pixel rgb(142, 120, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 120, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 120, 109);  
box-shadow:4px 4px 4px 4px rgb(142, 120,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6321, 20.2879, 17.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 120, 109) }
```

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

```
.background{ background-color: rgb(142,  
120, 109) }
```

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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