

Converting Colors

XYZ(20.6357, 20.1735, 22.5449)

Have a look what the booklet for
XYZ(20.6357, 20.1735, 22.5449)
contains.

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Color

**XYZ(20.6357, 20.1735,
22.5449)**

Conversions

Conversions Part 1

Format	Color
Hex	88787E
RGB	136, 120, 126
RGB Percent	53%, 47%, 49%
CMY	0.4667, 0.5294, 0.5059
CMYK	0.00, 0.12, 0.07, 0.47
HSL	338°, 6%, 50%
HSV	338°, 12%, 53%
XYZ	20.6357, 20.1735, 22.5449
YIQ	125.4680, 7.6100, 5.2580

Conversions

Conversions Part 2

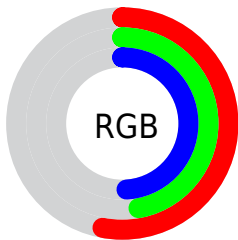
Format	Color
R_{YB}	136, 120, 126
Decimal	8943742
CIE _{Lab}	52.03, 7.27, -1.02
CIE _{LCh}	52, 7.340, 351.993
Y _{xy}	20.1735, 0.3257, 0.3184
Android (android.graphics.Color)	4287133822 (0xFF88787E)
YUV	125.4680, 0.2623, 9.2366
Hunter-Lab	44.9149, 3.4089, 1.6800

Details

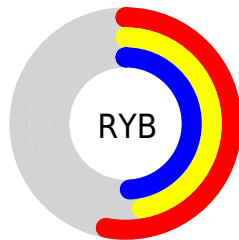
The XYZ color **20.6357, 20.1735, 22.5449** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.5799, 23.2136, 24.5162**, and the grayscale version is **19.6486, 20.6719, 22.5117**.

A 20% lighter version of the original color is **43.8755, 43.5785, 48.7468**, and **7.4947, 7.1490, 8.0061** is the 20% darker color. If you saturate the color by 10%, you get **18.5895, 16.9218, 19.2705**, and if you desaturate by 10%, it is **22.9620, 23.9103, 26.1432**.

Distribution



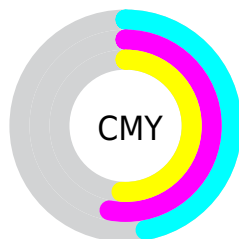
- Red (53%)
- Green (47%)
- Blue (49%)



- Red (53%)
- Yellow (47%)
- Blue (49%)



- Cyan (0%)
- Magenta (12%)
- Yellow (7%)
- Black (47%)



- Cyan (47%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6357, 20.1735, 22.5449 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 20.6357, 20.1735, 22.5449 by changing the saturation by 10% instead.

■ 20.6357, 20.1735,
22.5449

■ 20.6357, 20.1735,
22.5449

248.1046,
252.8528, 278.4246

■ 12.9689, 12.5212,
14.0557

■ 43.9763, 43.7079,
48.5586

■ 7.4840, 7.0997,
8.0202

■ 60.3808, 60.3588,
66.9203

■ 3.8156, 3.5245,
4.0199

■ 80.4287, 80.7780,
89.4098

■ 1.5983, 1.4113,
1.6363

104.4851,
105.3499, 116.4457

■ 0.3913, 0.2250,
0.3165

132.9156,
134.4590, 148.4466

■ 0.0000, 0.0000,
0.0000

166.0854,

168.4896, 185.8310

204.3600,
207.8260, 229.0175

■ 20.6357, 20.1735,
22.5449

■ 20.6357, 20.1735,
22.5449

■ 18.5895, 16.9218,
19.2705

■ 22.9620, 23.9103,
26.1432

■ 16.8108, 14.1326,
16.3093

■ 25.5770, 28.1483,
30.0731

■ 15.2885, 11.7853,
13.6521

■ 28.4910, 32.9062,
34.3434

■ 14.0101, 9.8571,
11.2884

■ 31.7133, 38.2008,
38.9625

■ 12.9621, 8.3227,
9.2073

■ 35.2527, 44.0484,
43.9382

■ 12.1293, 7.1543,
7.3970

■ 39.1178, 50.4643,
49.2783

■ 11.4948, 6.3203,
5.8447

■ 43.3167, 57.4634,
54.9902

■ 11.0390, 5.7837,
4.5363

■ 47.8574, 65.0600,
61.0810

■ 10.7507, 5.4732,
3.6204

■ 52.7474, 73.2679,
67.5579

Harmonies

Analogous

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



20.3313, 20.1735, 24.6037



20.6357, 20.1735, 22.5449



20.5406, 20.1735, 20.4572

Triad

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



20.6357, 20.1735, 22.5449



18.6401, 20.1735, 18.3597



18.3013, 20.1735, 25.3774

Complementary

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



20.6357, 20.1735, 22.5449



20.5799, 23.2136, 24.5162

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.



17.8700, 20.1735, 23.5462



20.6357, 20.1735, 22.5449



18.0621, 20.1735, 19.5230

Square

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



20.6357, 20.1735, 22.5449



19.3756, 20.1735, 18.1300



17.7836, 20.1735, 21.3961



18.9745, 20.1735, 26.3070

Rectangle

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



20.6357, 20.1735, 22.5449



20.2644, 20.1735, 19.3206



17.7836, 20.1735, 21.3961



18.1240, 20.1735, 24.8414

Sweetspot

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



20.6363, 20.1744, 22.5453



39.4681, 40.5288, 44.5465



20.3466, 19.9467, 26.0706



9.0740, 9.2792, 10.2145



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.



20.6363, 20.1744, 22.5453



35.4045, 34.0171, 38.2114



20.4874, 20.4775, 20.6431



5.1054, 5.0776, 5.6434



10.1794, 5.1819, 3.4489



0.0743, 0.0371, 0.0582

Inverse Universe

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



20.6363, 20.1744, 22.5453



35.4045, 34.0171, 38.2114



20.7338, 22.8583, 26.6122



5.1054, 5.0776, 5.6434



10.1794, 5.1819, 3.4489



0.0743, 0.0371, 0.0582

Previews

White Background



This preview shows how the XYZ color 20.6357, 20.1735, 22.5449 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 20.6357, 20.1735, 22.5449 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 20.6357, 20.1735, 22.5449

Background



This preview shows how black text looks on a background with the XYZ color 20.6357, 20.1735, 22.5449.



This preview shows how white text looks on a background with the XYZ color 20.6357, 20.1735,

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

20.6357, 20.1735, 22.5449

Protanopia

19.4367, 20.0844, 23.2743

Deuteranopia

20.4740, 20.0902, 22.5374



Tritanopia

20.8323, 20.2522, 23.5800

Trichromacy



Original Color

20.6357, 20.1735, 22.5449

Protanomaly

19.8436, 20.1185, 22.9161

Deuteranomaly

20.4740, 20.0902, 22.5374

Tritanomaly

20.7661, 20.2257, 23.2315

Monochromacy



Original Color

20.6357, 20.1735, 22.5449

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.8379, 20.3137, 22.2774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6357, 20.1735, 22.5449 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, 120, 126)` looks like.

```
.text, #text, p{  
    color:rgb(136, 120, 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(136, 120, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 120, 126) }
```

Border

The CSS property to change the border of an element to XYZ 20.6357, 20.1735, 22.5449 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, 120, 126) }
```


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

```
.border{ border-color:rgb(136, 120, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 120, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 120, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 120, 126);  
box-shadow:4px 4px 4px 4px rgb(136, 120,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6357, 20.1735, 22.5449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 120, 126) }
```

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

```
.background{ background-color: rgb(136,  
120, 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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