

Converting Colors

XYZ(20.1879, 19.9075, 22.6216)

Have a look what the booklet for
XYZ(20.1879, 19.9075, 22.6216)
contains.

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Color

**XYZ(20.1552, 19.9258,
22.5224)**

Conversions

Conversions Part 1

Format	Color
Hex	85787E
RGB	133, 120, 126
RGB Percent	52%, 47%, 49%
CMY	0.4784, 0.5294, 0.5059
CMYK	0.00, 0.10, 0.05, 0.48
HSL	332°, 5%, 50%
HSV	332°, 10%, 52%
XYZ	20.1552, 19.9258, 22.5224
YIQ	124.5710, 5.8220, 4.6220

Conversions

Conversions Part 2

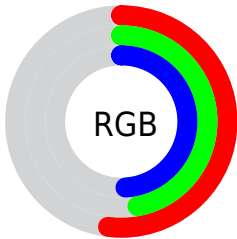
Format	Color
RYB	133, 120, 126
Decimal	8747134
CIELab	51.75, 6.12, -1.47
CIELCh	52, 6.296, 346.543
Yxy	19.9258, 0.3220, 0.3183
Android (android.graphics.Color)	4286937214 (0xFF85787E)
YUV	124.5710, 0.7045, 7.3922
Hunter-Lab	44.6383, 2.4797, 1.3319

Details

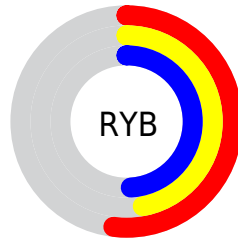
The XYZ color **20.1552, 19.9258, 22.5224** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.9648, 22.3009, 23.3320**, and the grayscale version is **19.3457, 20.3532, 22.1646**.

A 20% lighter version of the original color is **43.1389, 43.1988, 48.7124**, and **7.2242, 7.0096, 7.9934** is the 20% darker color. If you saturate the color by 10%, you get **18.2198, 16.7682, 19.6781**, and if you desaturate by 10%, it is **22.3470, 23.5428, 25.6160**.

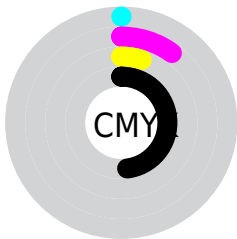
Distribution



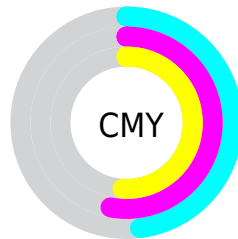
- Red (52%)
- Green (47%)
- Blue (49%)



- Red (52%)
- Yellow (47%)
- Blue (49%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (48%)



- Cyan (48%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1552, 19.9258, 22.5224 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 20.1552, 19.9258, 22.5224 by changing the saturation by 10% instead.

■ 20.1552, 19.9258,
22.5224

■ 20.1552, 19.9258,
22.5224

245.5716,
251.5131, 278.3043

■ 12.6168, 12.3411,
14.0393

■ 43.1792, 43.2927,
48.5211

■ 7.2404, 6.9764,
8.0089

■ 59.3955, 59.8438,
66.8738

■ 3.6606, 3.4474,
4.0128

■ 79.2352, 80.1524,
89.3534

■ 1.5120, 1.3695,
1.6324

103.0636,
104.6031, 116.3785

■ 0.3339, 0.1941,
0.3138

131.2461,
133.5800, 148.3676

■ 0.0000, 0.0000,
0.0000

164.1481,

167.4678, 185.7392

202.1348,
206.6507, 228.9120

■ 20.1552, 19.9258,
22.5224

■ 20.1552, 19.9258,
22.5224

■ 18.2198, 16.7682,
19.6781

■ 22.3470, 23.5428,
25.6160

■ 16.5294, 14.0489,
17.0751

■ 24.8028, 27.6340,
28.9640

■ 15.0740, 11.7489,
14.7068

■ 27.5320, 32.2167,
32.5729

■ 13.8424, 9.8471,
12.5660

■ 30.5428, 37.3067,
36.4485

■ 12.8225, 8.3203,
10.6447

■ 33.8433, 42.9190,
40.5967

■ 12.0009, 7.1428,
8.9346

■ 37.4411, 49.0680,
45.0229

■ 11.3624, 6.2859,
7.4266

■ 41.3437, 55.7674,
49.7325

■ 10.8895, 5.7160,
6.1105

■ 45.5581, 63.0307,
54.7306

■ 10.5331, 5.3359,
4.9656

■ 50.0913, 70.8706,
60.0222

Harmonies

Analogous

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



19.8419, 19.9258, 24.1990



20.1552, 19.9258, 22.5224



20.1374, 19.9258, 20.7123

Triad

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



20.1552, 19.9258, 22.5224



18.5923, 19.9258, 18.5040



18.1089, 19.9258, 24.3430

Complementary

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



20.1552, 19.9258, 22.5224



19.9648, 22.3009, 23.3320

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.



17.7889, 19.9258, 22.7100



20.1552, 19.9258, 22.5224



18.0636, 19.9258, 19.3715

Square

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



20.1552, 19.9258, 22.5224



19.2253, 19.9258, 18.4600



17.7725, 19.9258, 20.8897



18.6553, 19.9258, 25.2892

Rectangle

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



20.1552, 19.9258, 22.5224



19.9400, 19.9258, 19.6735



17.7725, 19.9258, 20.8897



17.9718, 19.9258, 23.8521

Sweetspot

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



20.1558, 19.9267, 22.5228



38.6738, 39.9333, 43.9973



19.6933, 19.6342, 24.9424



8.6466, 8.8871, 9.8191



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



20.1558, 19.9267, 22.5228



35.1856, 34.1946, 39.0185



19.8324, 19.8809, 20.5624



4.7553, 4.7218, 5.3238



10.0295, 5.0761, 4.7276



0.0384, 0.0190, 0.0354

Inverse Universe

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



20.1558, 19.9267, 22.5228



35.1856, 34.1946, 39.0185



20.3083, 22.3436, 25.4330



4.7553, 4.7218, 5.3238



10.0295, 5.0761, 4.7276



0.0384, 0.0190, 0.0354

Previews

White Background



This preview shows how the XYZ color 20.1552, 19.9258, 22.5224 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 20.1552, 19.9258, 22.5224 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

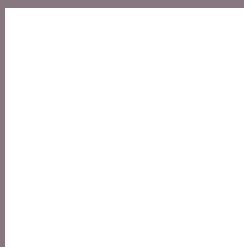
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.1552, 19.9258, 22.5224

Background



This preview shows how black text looks on a background with the XYZ color 20.1552, 19.9258, 22.5224.



This preview shows how white text looks on a background with the XYZ color 20.1552, 19.9258,

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

20.1552, 19.9258, 22.5224

Protanopia

19.2914, 20.0095, 23.2675

Deuteranopia

20.3139, 20.0076, 22.5299



Tritanopia

20.3518, 20.0045, 23.5575

Trichromacy



Original Color

20.1552, 19.9258, 22.5224

Protanomaly

19.5427, 19.9634, 22.9020

Deuteranomaly

20.3139, 20.0076, 22.5299

Tritanomaly

20.2856, 19.9780, 23.2090

Monochromacy



Original Color

20.1552, 19.9258, 22.5224

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.6867, 20.2358, 22.2703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1552, 19.9258, 22.5224 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(133, 120, 126)` looks like.

```
.text, #text, p{  
    color:rgb(133, 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(133, 120, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 120, 126) }
```

Border

The CSS property to change the border of an element to XYZ 20.1552, 19.9258, 22.5224 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(133, 120, 126) }
```


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

```
.border{ border-color:rgb(133, 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(133, 120, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 120, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 120, 126);  
box-shadow:4px 4px 4px 4px rgb(133, 120,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1552, 19.9258, 22.5224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 120, 126) }
```

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

```
.background{ background-color: rgb(133,  
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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