

Converting Colors

XYZ(20.0179, 20.1536, 25.0410)

Have a look what the booklet for
XYZ(20.0179, 20.1536, 25.0410)
contains.

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Color

**XYZ(20.0953, 20.2017,
25.0305)**

Conversions

Conversions Part 1	
Format	Color
Hex	807A85
RGB	128, 122, 133
RGB Percent	50%, 48%, 52%
CMY	0.4980, 0.5216, 0.4784
CMYK	0.04, 0.08, 0.00, 0.48
HSL	273°, 4%, 50%
HSV	273°, 8%, 52%
XYZ	20.0953, 20.2017, 25.0305
YIQ	125.0480, 0.0450, 4.6930

Conversions

Conversions Part 2

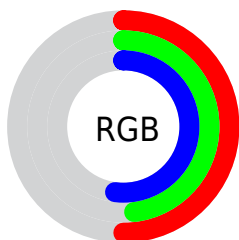
Format	Color
RYB	128, 122, 133
Decimal	8419973
CIELab	52.06, 4.49, -5.17
CIELCh	52, 6.841, 310.969
Yxy	20.2017, 0.3076, 0.3092
Android (android.graphics.Color)	4286610053 (0xFF807A85)
YUV	125.0480, 3.9203, 2.5889
Hunter-Lab	44.9463, 1.1506, -1.5561

Details

The XYZ color **20.0953, 20.2017, 25.0305** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.6534, 22.6927, 21.7049**, and the grayscale version is **19.4969, 20.5122, 22.3378**.

A 20% lighter version of the original color is **43.0550, 43.6410, 52.6087**, and **7.2072, 7.0674, 9.3718** is the 20% darker color. If you saturate the color by 10%, you get **17.6904, 16.7018, 24.4820**, and if you desaturate by 10%, it is **22.7791, 24.1783, 25.6569**.

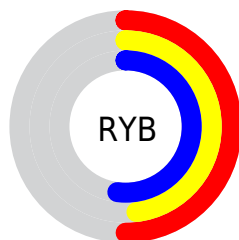
Distribution



Red (50%)

Green (48%)

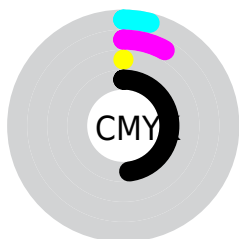
Blue (52%)



Red (50%)

Yellow (48%)

Blue (52%)

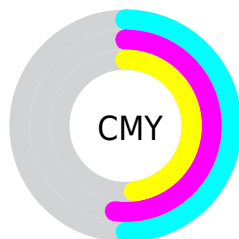


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (48%)



Cyan (50%)


Magenta (52%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.0953, 20.2017, 25.0305 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 20.0953, 20.2017, 25.0305 by changing the saturation by 10% instead.


 20.0953, 20.2017,
25.0305


 20.0953, 20.2017,
25.0305


245.2543,
253.0050, 291.4423


 12.5730, 12.5417,
15.8806

 43.0796, 43.7551,
52.6714

 7.2101, 7.1138,
9.2862


 59.2724, 60.4173,
71.9995

 3.6414, 3.5333,
4.8290

 79.0860, 80.8491,
95.5574

 1.5013, 1.4161,
2.0903

102.8858,
105.4348, 123.7635

 0.3267, 0.2286,
0.6100

131.0372,
134.5588, 157.0366

 0.0000, 0.0000,
0.0000

163.9055,

168.6056, 195.7950

201.8561,
207.9595, 240.4574

■ 20.0953, 20.2017,
25.0305

■ 20.0953, 20.2017,
25.0305

■ 17.6904, 16.7018,
24.4820

■ 22.7791, 24.1783,
25.6569

■ 15.5527, 13.6574,
24.0071

■ 25.7494, 28.6465,
26.3628

■ 13.6722, 11.0498,
23.6028

■ 29.0158, 33.6238,
27.1514

■ 12.0375, 8.8576,
23.2659

■ 32.5869, 39.1259,
28.0252

■ 10.6363, 7.0578,
22.9923

■ 36.4707, 45.1679,
28.9867

■ 9.4551, 5.6250,
22.7780

■ 40.6752, 51.7644,
30.0383

■ 8.4790, 4.5307,
22.6182

■ 45.2080, 58.9292,
31.1824

■ 7.6906, 3.7420,
22.5076

■ 50.0763, 66.6758,
32.4210

■ 7.0511, 3.1830,
22.4334

■ 55.2873, 75.0172,
33.7564

Harmonies

Analogous

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



19.4578, 20.2017, 25.9930



20.0953, 20.2017, 25.0305



20.4991, 20.2017, 23.2746

Triad

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



20.0953, 20.2017, 25.0305



19.6424, 20.2017, 18.5564



17.9124, 20.2017, 22.7363

Complementary

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



20.0953, 20.2017, 25.0305



20.6534, 22.6927, 21.7049

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.



17.9591, 20.2017, 20.7656



20.0953, 20.2017, 25.0305



18.9467, 20.2017, 18.4317

Square

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



20.0953, 20.2017, 25.0305



20.2333, 20.2017, 19.5692



18.3338, 20.2017, 19.2176



18.2047, 20.2017, 24.6160

Rectangle

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



20.0953, 20.2017, 25.0305



20.5757, 20.2017, 21.9312



18.3338, 20.2017, 19.2176



17.8892, 20.2017, 22.0613

Sweetspot

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



20.0959, 20.2026, 25.0309



38.9181, 40.5073, 45.5059



19.8670, 21.0450, 25.2056



8.7835, 9.1491, 10.2557



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.



20.0959, 20.2026, 25.0309



35.1051, 34.8847, 44.6216



20.8413, 20.5898, 24.9338



4.6591, 4.6604, 5.8547



6.6262, 2.9501, 21.3569



0.0314, 0.0146, 0.0744

Inverse Universe

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



20.4638, 20.4388, 22.9460



35.9164, 35.4052, 40.0356



19.9499, 22.3274, 21.7908



4.7540, 4.7213, 5.3172



10.0061, 5.0668, 4.6044



0.0383, 0.0190, 0.0349

Previews

White Background



This preview shows how the XYZ color 20.0953, 20.2017, 25.0305 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 20.0953, 20.2017, 25.0305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

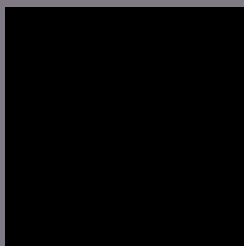
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

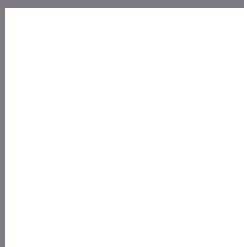
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.0953, 20.2017, 25.0305

Background



This preview shows how black text looks on a background with the XYZ color 20.0953, 20.2017, 25.0305.



This preview shows how white text looks on a background with the XYZ color 20.0953, 20.2017,

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

20.0953, 20.2017, 25.0305

Protanopia

19.6982, 20.1722, 25.4097

Deuteranopia

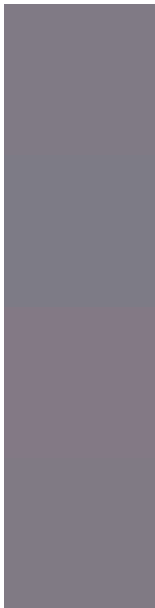
20.5867, 20.2737, 25.0185



Tritanopia

20.0265, 20.1742, 24.6683

Trichromacy



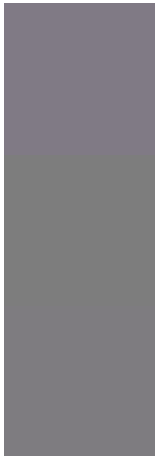
Original Color
20.0953, 20.2017, 25.0305

Protanomaly
19.8435, 20.2471, 25.4165

Deuteranomaly
20.4311, 20.1935, 25.0112

Tritanomaly
20.0265, 20.1742, 24.6683

Monochromacy



Original Color
20.0953, 20.2017, 25.0305

Achromatopsia
19.4927, 20.5079, 22.3331

Achromatomaly
19.7081, 20.4094, 23.3228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0953, 20.2017, 25.0305 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(128, 122, 133) looks like.

```
.text, #text, p{  
    color:rgb(128, 122, 133)  
}
```

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(128, 122, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 122, 133) }
```

Border

The CSS property to change the border of an element to XYZ 20.0953, 20.2017, 25.0305 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(128, 122, 133) }
```


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

```
.border{ border-color:rgb(128, 122, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 122, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 122, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 122, 133);  
box-shadow:4px 4px 4px 4px rgb(128, 122,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0953, 20.2017, 25.0305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 122, 133) }
```

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

```
.background{ background-color: rgb(128,  
122, 133) }
```

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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