

Converting Colors

XYZ(20.3769, 18.6713, 22.2704)

Have a look what the booklet for
XYZ(20.3769, 18.6713, 22.2704)
contains.

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Color

**XYZ(20.3753, 18.6701,
22.2685)**

Conversions

Conversions Part 1

Format	Color
Hex	8C707E
RGB	140, 112, 126
RGB Percent	55%, 44%, 49%
CMY	0.4510, 0.5608, 0.5059
CMYK	0.00, 0.20, 0.10, 0.45
HSL	330°, 11%, 49%
HSV	330°, 20%, 55%
XYZ	20.3753, 18.6701, 22.2685
YIQ	121.9680, 12.1940, 10.2900

Conversions

Conversions Part 2

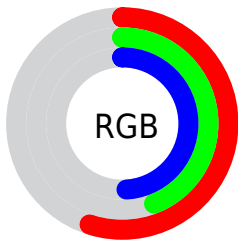
Format	Color
RYB	140, 112, 126
Decimal	9203838
CIELab	50.30, 13.47, -3.53
CIELCh	50, 13.926, 345.333
Yxy	18.6701, 0.3323, 0.3045
Android (android.graphics.Color)	4287393918 (0xFF8C707E)
YUV	121.9680, 1.9878, 15.8141
Hunter-Lab	43.2089, 8.5567, -0.3099

Details

The XYZ color **20.3753, 18.6701, 22.2685** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.8268, 23.7078, 23.2708**, and the grayscale version is **18.4796, 19.4419, 21.1723**.

A 20% lighter version of the original color is **43.6603, 41.2749, 48.3135**, and **7.3894, 6.3763, 7.8625** is the 20% darker color. If you saturate the color by 10%, you get **18.5131, 15.6434, 19.4966**, and if you desaturate by 10%, it is **22.5104, 22.1915, 25.2878**.

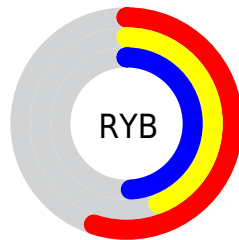
Distribution



Red (55%)

Green (44%)

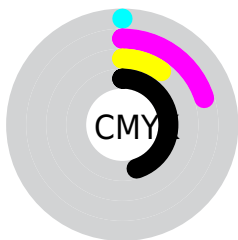
Blue (49%)



Red (55%)

Yellow (44%)

Blue (49%)

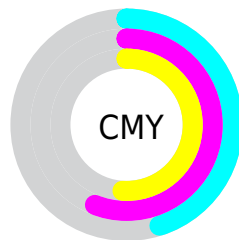


Cyan (0%)

Magenta (20%)

Yellow (10%)

Black (45%)



Cyan (45%)

Magenta (56%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3753, 18.6701, 22.2685 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 20.3753, 18.6701, 22.2685 by changing the saturation by 10% instead.

■ 20.3753, 18.6701,
22.2685

■ 20.3753, 18.6701,
22.2685

246.7347,
244.6214, 276.9444

■ 12.7780, 11.4321,
13.8541

■ 43.5447, 41.1759,
48.0972

■ 7.3518, 6.3583,
7.8817

■ 59.8474, 57.2125,
66.3487

■ 3.7313, 3.0641,
3.9326

■ 79.7827, 76.9508,
88.7162

■ 1.5513, 1.1653,
1.5885

■ 103.7159,
100.7752, 115.6184

■ 0.3603, 0.0331,
0.2826

132.0124,
129.0701, 147.4738

■ 0.0000, 0.0000,
0.0000

165.0374,

162.2198, 184.7009

203.1564,
200.6088, 227.7182

■ 20.3753, 18.6701,
22.2685

■ 20.3753, 18.6701,
22.2685

■ 18.5131, 15.6434,
19.4966

■ 22.5104, 22.1915,
25.2878

■ 16.9105, 13.0865,
16.9638

■ 24.9277, 26.2262,
28.5601

■ 15.5555, 10.9761,
14.6631

■ 27.6382, 30.7945,
32.0921

■ 14.4342, 9.2860,
12.5865

■ 30.6517, 35.9153,
35.8901

■ 13.5317, 7.9869,
10.7255

■ 33.9774, 41.6062,
39.9600

■ 12.8308, 7.0462,
9.0707

■ 37.6244, 47.8843,
44.3076

■ 12.3119, 6.4254,
7.6119

■ 41.6013, 54.7659,
48.9383

■ 11.9208, 6.0177,
6.3269

■ 45.9161, 62.2665,
53.8577

■ 11.9207, 6.0177,
6.3267

■ 50.5770, 70.4013,
59.0708

Harmonies

Analogous

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



19.6551, 18.6701, 26.0118



20.3753, 18.6701, 22.2685



20.3668, 18.6701, 18.4266

Triad

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



20.3753, 18.6701, 22.2685



17.0682, 18.6701, 13.9721



15.9834, 18.6701, 26.0837

Complementary

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



20.3753, 18.6701, 22.2685



19.8268, 23.7078, 23.2708

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.



15.3592, 18.6701, 22.3571



20.3753, 18.6701, 22.2685



15.9635, 18.6701, 15.5400

Square

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



20.3753, 18.6701, 22.2685



18.4104, 18.6701, 13.9547



15.3521, 18.6701, 18.5047



17.0965, 18.6701, 28.3967

Rectangle

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



20.3753, 18.6701, 22.2685



19.9471, 18.6701, 16.3273



15.3521, 18.6701, 18.5047



15.7119, 18.6701, 24.9353

Sweetspot

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



20.3758, 18.6709, 22.2689



41.2763, 41.7689, 46.7632



19.1327, 17.9183, 27.2615



9.4576, 9.5354, 10.7025



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.



20.3758, 18.6709, 22.2689



34.3847, 30.4060, 37.0044



19.5347, 18.3345, 17.8395



5.1303, 5.0876, 5.7747



10.6019, 5.3509, 5.6740



0.0778, 0.0385, 0.0765

Inverse Universe

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



20.3758, 18.6709, 22.2689



34.3847, 30.4060, 37.0044



20.7944, 24.0949, 28.3661



5.1303, 5.0876, 5.7747



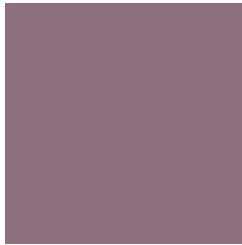
10.6019, 5.3509, 5.6740



0.0778, 0.0385, 0.0765

Previews

White Background



This preview shows how the XYZ color 20.3753, 18.6701, 22.2685 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 20.3753, 18.6701, 22.2685 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 20.3753, 18.6701, 22.2685

Background



This preview shows how black text looks on a background with the XYZ color 20.3753, 18.6701, 22.2685.



This preview shows how white text looks on a background with the XYZ color 20.3753, 18.6701,

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

20.3753, 18.6701, 22.2685

Protanopia

18.2338, 18.7273, 23.7728

Deuteranopia

19.0003, 18.6386, 21.9982



Tritanopia

20.0654, 18.7044, 20.9651

Trichromacy



Original Color

20.3753, 18.6701, 22.2685

Protanomaly

18.9602, 18.5878, 23.3574

Deuteranomaly

19.5053, 18.7287, 21.9890

Tritanomaly

20.1277, 18.7293, 21.2932

Monochromacy



Original Color

20.3753, 18.6701, 22.2685

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.1068, 19.0541, 21.4097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3753, 18.6701, 22.2685 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(140, 112, 126)` looks like.

```
.text, #text, p{  
    color:rgb(140, 112, 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(140, 112, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 112, 126) }
```

Border

The CSS property to change the border of an element to XYZ 20.3753, 18.6701, 22.2685 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(140, 112, 126) }
```


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

```
.border{ border-color:rgb(140, 112, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 112, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 112, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 112, 126);  
box-shadow:4px 4px 4px 4px rgb(140, 112,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3753, 18.6701, 22.2685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 112, 126) }
```

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

```
.background{ background-color: rgb(140,  
112, 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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