

Converting Colors

XYZ(20.6410, 23.1082, 25.3413)

Have a look what the booklet for
XYZ(20.6410, 23.1082, 25.3413)
contains.

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Color

**XYZ(20.5746, 22.9870,
25.1823)**

Conversions

Conversions Part 1

Format	Color
Hex	788784
RGB	120, 135, 132
RGB Percent	47%, 53%, 52%
CMY	0.5294, 0.4706, 0.4823
CMYK	0.11, 0.00, 0.02, 0.47
HSL	168°, 6%, 50%
HSV	168°, 11%, 53%
XYZ	20.5746, 22.9870, 25.1823
YIQ	130.1730, -7.9770, -4.1130

Conversions

Conversions Part 2

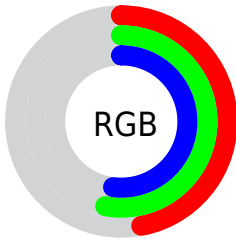
Format	Color
R_{YB}	120, 128, 135
Decimal	7899012
CIE Lab	55.06, -6.07, -0.25
CIE LCh	55, 6.077, 182.355
Yxy	22.9870, 0.2993, 0.3344
Android (android.graphics.Color)	4286089092 (0xFF788784)
YUV	130.1730, 0.9007, -8.9217
Hunter-Lab	47.9448, -7.3034, 2.4201

Details

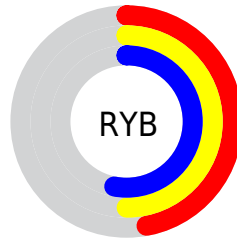
The XYZ color **20.5746, 22.9870, 25.1823** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.2842, 20.0146, 21.5342**, and the grayscale version is **21.2788, 22.3870, 24.3794**.

A 20% lighter version of the original color is **43.7534, 48.2399, 52.9041**, and **7.4084, 8.4611, 9.4263** is the 20% darker color. If you saturate the color by 10%, you get **18.6504, 22.0167, 24.1400**, and if you desaturate by 10%, it is **22.7689, 24.0972, 26.2632**.

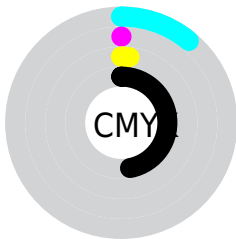
Distribution



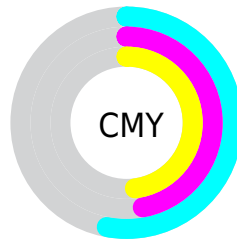
- Red (47%)
- Green (53%)
- Blue (52%)



- Red (47%)
- Yellow (50%)
- Blue (53%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (47%)



- Cyan (53%)
- Magenta (47%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5746, 22.9870, 25.1823 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 20.5746, 22.9870, 25.1823 by changing the saturation by 10% instead.

■ 20.5746, 22.9870,
25.1823

■ 20.5746, 22.9870,
25.1823

247.7837,
267.6582, 292.2213

■ 12.9241, 14.5839,
15.9927

■ 43.8751, 48.3720,
52.9206

■ 7.4529, 8.5279,
9.3647

■ 60.2558, 66.1227,
72.3063

■ 3.7958, 4.4345,
4.8797

■ 80.2773, 87.7580,
95.9279

■ 1.5873, 1.9195,
2.1194

104.3049,
113.6624, 124.2037

■ 0.3841, 0.5601,
0.6273

132.7040,
144.2202, 157.5525

■ 0.0000, 0.0000,
0.0000

165.8399,

179.8158, 196.3926

204.0780,
220.8337, 241.1427

■ 20.5746, 22.9870,
25.1823

■ 20.5746, 22.9870,
25.1823

■ 18.6504, 22.0167,
24.1400

■ 22.7689, 24.0972,
26.2632

■ 16.9833, 21.1779,
23.1340

■ 25.2418, 25.3498,
27.3819

■ 15.5621, 20.4652,
22.1641

■ 28.0037, 26.7509,
28.5395

■ 14.3743, 19.8723,
21.2297

■ 31.0640, 28.3052,
29.7366

■ 13.4058, 19.3920,
20.3297

■ 34.4315, 30.0173,
30.9738

■ 12.6413, 19.0162,
19.4633

■ 38.1148, 31.8916,
32.2517

■ 12.0634, 18.7362,
18.6295

■ 42.1221, 33.9324,
33.5708

■ 11.6516, 18.5412,
17.8272

■ 46.4613, 36.1437,
34.9317

■ 11.3704, 18.4112,
17.1377

■ 51.1400, 38.5295,
36.3349

Harmonies

Analogous

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



20.7165, 22.9870, 23.3402



20.5746, 22.9870, 25.1823



20.7681, 22.9870, 27.0756

Triad

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



20.5746, 22.9870, 25.1823



22.5519, 22.9870, 28.3090



22.4575, 22.9870, 21.8723

Complementary

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



20.5746, 22.9870, 25.1823



20.2842, 20.0146, 21.5342

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.



22.9656, 22.9870, 23.0881



20.5746, 22.9870, 25.1823



23.0209, 22.9870, 26.7972

Square

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



20.5746, 22.9870, 25.1823



21.9019, 22.9870, 28.9379



23.1738, 22.9870, 24.8762



21.7951, 22.9870, 21.4888

Rectangle

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



20.5746, 22.9870, 25.1823



21.0637, 22.9870, 28.0955



23.1738, 22.9870, 24.8762



22.6524, 22.9870, 22.1940

Sweetspot

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



20.5753, 22.9880, 25.1828



39.9661, 42.7431, 46.6465



20.2591, 22.9145, 21.1249



9.1853, 9.8632, 10.7689



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.



20.5753, 22.9880, 25.1828



36.0531, 40.7653, 44.6827



20.2024, 21.9088, 26.0869



4.7627, 5.2633, 5.7619



10.4892, 16.9785, 15.8273



0.0389, 0.0598, 0.0681

Inverse Universe

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



20.2842, 20.0146, 21.5342



35.4388, 34.4885, 36.9810



20.6217, 20.9858, 20.7335



4.7079, 4.7028, 5.0740



9.4003, 4.8245, 1.4146



0.0347, 0.0176, 0.0162

Previews

White Background



This preview shows how the XYZ color 20.5746, 22.9870, 25.1823 looks on a white background.

Color Contrast Check

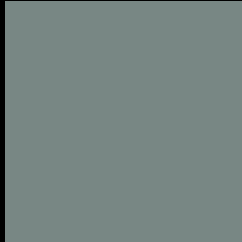
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5746, 22.9870, 25.1823 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

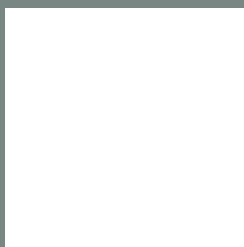
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.5746, 22.9870, 25.1823

Background



This preview shows how black text looks on a background with the XYZ color 20.5746, 22.9870, 25.1823.



This preview shows how white text looks on a background with the XYZ color 20.5746, 22.9870,

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

20.5746, 22.9870, 25.1823

Protanopia

21.9771, 22.9126, 24.3834

Deuteranopia

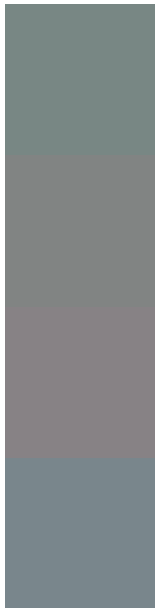
23.2201, 22.7396, 25.7196



Tritanopia

21.4476, 22.9262, 29.6804

Trichromacy



Original Color

20.5746, 22.9870, 25.1823

Protanomaly

21.4013, 22.8083, 24.7472

Deuteranomaly

22.2079, 22.8096, 25.4225

Tritanomaly

21.1439, 23.0086, 28.1376

Monochromacy



Original Color

20.5746, 22.9870, 25.1823

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.9522, 22.5768, 24.7262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5746, 22.9870, 25.1823 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(120, 135, 132)` looks like.

```
.text, #text, p{  
    color:rgb(120, 135, 132)  
}
```

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(120, 135, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 135, 132) }
```

Border

The CSS property to change the border of an element to XYZ 20.5746, 22.9870, 25.1823 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(120, 135, 132) }
```


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

```
.border{ border-color:rgb(120, 135, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 135, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 135, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 135, 132);  
box-shadow:4px 4px 4px 4px rgb(120, 135,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5746, 22.9870, 25.1823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 135, 132) }
```

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

```
.background{ background-color: rgb(120,  
135, 132) }
```

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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