

Converting Colors

XYZ(20.7564, 20.1170, 25.8071)

Have a look what the booklet for
XYZ(20.7564, 20.1170, 25.8071)
contains.

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Color

**XYZ(20.7625, 20.1688,
25.7203)**

Conversions

Conversions Part 1

Format	Color
Hex	857887
RGB	133, 120, 135
RGB Percent	52%, 47%, 53%
CMY	0.4784, 0.5294, 0.4706
CMYK	0.01, 0.11, 0.00, 0.47
HSL	292°, 6%, 50%
HSV	292°, 11%, 53%
XYZ	20.7625, 20.1688, 25.7203
YIQ	125.5970, 2.9330, 7.4210

Conversions

Conversions Part 2

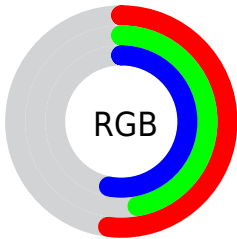
Format	Color
R_{YB}	133, 120, 135
Decimal	8747143
CIE Lab	52.03, 7.91, -6.34
CIE LCh	52, 10.136, 321.251
Yxy	20.1688, 0.3115, 0.3026
Android (android.graphics.Color)	4286937223 (0xFF857887)
YUV	125.5970, 4.6357, 6.4924
Hunter-Lab	44.9097, 3.9316, -2.5193

Details

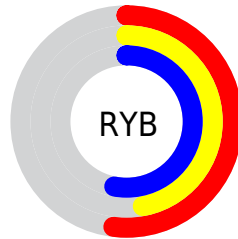
The XYZ color **20.7625, 20.1688, 25.7203** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.0810, 22.8221, 21.1171**, and the grayscale version is **19.6791, 20.7040, 22.5466**.

A 20% lighter version of the original color is **44.0793, 43.5750, 53.6645**, and **7.5243, 7.1296, 9.5739** is the 20% darker color. If you saturate the color by 10%, you get **18.9704, 17.0027, 25.2039**, and if you desaturate by 10%, it is **22.7896, 23.7970, 26.3141**.

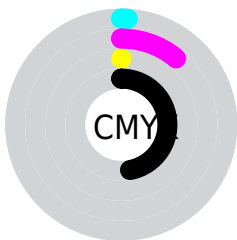
Distribution



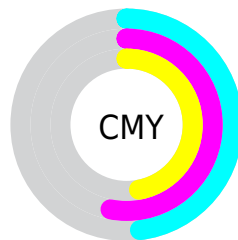
- Red (52%)
- Green (47%)
- Blue (53%)



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



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7625, 20.1688, 25.7203 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 20.7625, 20.1688, 25.7203 by changing the saturation by 10% instead.

■ 20.7625, 20.1688,
25.7203

■ 20.7625, 20.1688,
25.7203

248.7693,
252.8275, 294.9680

■ 13.0620, 12.5178,
16.3906

■ 44.1862, 43.7000,
53.8019

■ 7.5485, 7.0974,
9.6436

■ 60.6401, 60.3490,
73.3909

■ 3.8568, 3.5231,
5.0608

■ 80.7425, 80.7661,
97.2368

■ 1.6214, 1.4105,
2.2236

104.8587,
105.3358, 125.7581

■ 0.4063, 0.2245,
0.6880

133.3541,
134.4423, 159.3733

■ 0.0000, 0.0000,
0.0000

166.5941,

168.4702, 198.5010

204.9441,
207.8038, 243.5597

■ 20.7625, 20.1688,
25.7203

■ 20.7625, 20.1688,
25.7203

■ 18.9704, 17.0027,
25.2039

■ 22.7896, 23.7970,
26.3141

■ 17.4020, 14.2771,
24.7605

■ 25.0588, 27.9026,
26.9869

■ 16.0476, 11.9723,
24.3870

■ 27.5794, 32.5035,
27.7422

■ 14.8963, 10.0665,
24.0798

■ 30.3593, 37.6159,
28.5824

■ 13.9358, 8.5354,
23.8349

■ 33.4064, 43.2551,
29.5103

■ 13.1531, 7.3526,
23.6479

■ 36.7279, 49.4359,
30.5283

■ 12.5328, 6.4879,
23.5137

■ 40.3312, 56.1726,
31.6387

■ 12.0574, 5.9059,
23.4264

■ 44.2228, 63.4787,
32.8438

■ 11.7090, 5.5310,
23.3724

■ 48.4096, 71.3675,
34.1458

Harmonies

Analogous

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



19.8995, 20.1688, 27.7057



20.7625, 20.1688, 25.7203



21.2027, 20.1688, 22.8378

Triad

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



20.7625, 20.1688, 25.7203



19.4738, 20.1688, 16.8000



17.3760, 20.1688, 24.0894

Complementary

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



20.7625, 20.1688, 25.7203



20.0810, 22.8221, 21.1171

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.



17.2713, 20.1688, 21.1057



20.7625, 20.1688, 25.7203



18.4582, 20.1688, 17.0699

Square

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



20.7625, 20.1688, 25.7203



20.4413, 20.1688, 17.8125



17.6608, 20.1688, 18.5860



17.9522, 20.1688, 26.7069

Rectangle

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



20.7625, 20.1688, 25.7203



21.1865, 20.1688, 20.8681



17.6608, 20.1688, 18.5860



17.2854, 20.1688, 23.0901

Sweetspot

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



20.7631, 20.1697, 25.7207



40.0669, 41.2769, 46.9039



19.1101, 19.7239, 25.7218



9.2141, 9.4427, 10.8433



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.



20.7631, 20.1697, 25.7207



36.4467, 34.8129, 45.8470



20.7213, 20.1898, 23.8367



4.7985, 4.7322, 5.8613



10.8050, 5.1043, 21.5524



0.0416, 0.0198, 0.0749

Inverse Universe

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



20.2217, 19.9900, 21.2061



35.3085, 34.4364, 36.2948



20.1281, 22.8086, 22.8284



4.6960, 4.6981, 5.0115



9.3175, 4.7913, 0.9782



0.0338, 0.0172, 0.0113

Previews

White Background



This preview shows how the XYZ color 20.7625, 20.1688, 25.7203 looks on a white background.

Color Contrast Check

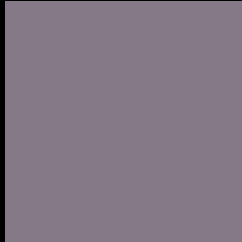
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.7625, 20.1688, 25.7203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

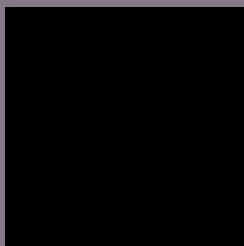
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.7625, 20.1688, 25.7203

Background



This preview shows how black text looks on a background with the XYZ color 20.7625, 20.1688, 25.7203.



This preview shows how white text looks on a background with the XYZ color 20.7625, 20.1688,

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

20.7625, 20.1688, 25.7203

Protanopia

19.7667, 20.1830, 26.5208

Deuteranopia

20.5706, 20.2493, 25.7460



Tritanopia

20.3824, 20.1920, 23.9423

Trichromacy



Original Color

20.7625, 20.1688, 25.7203

Protanomaly

20.1559, 20.2087, 26.1309

Deuteranomaly

20.7263, 20.3295, 25.7533

Tritanomaly

20.5179, 20.2462, 24.6563

Monochromacy



Original Color

20.7625, 20.1688, 25.7203

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.2234, 20.6674, 23.6922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7625, 20.1688, 25.7203 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(133, 120, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 120, 135) }
```

Border

The CSS property to change the border of an element to XYZ 20.7625, 20.1688, 25.7203 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, 135) }
```


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

```
.border{ border-color:rgb(133, 120, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 120, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 120, 135); box-shadow:4px 4px 4px 4px rgb(133, 120, 135) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7625, 20.1688, 25.7203 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, 135) }
```

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

```
.background{ background-color: rgb(133,  
120, 135) }
```

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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