

Converting Colors

XYZ(20.5647, 20.0097, 25.8132)

Have a look what the booklet for
XYZ(20.5647, 20.0097, 25.8132)
contains.

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Color

**XYZ(20.6054, 20.0877,
25.7130)**

Conversions

Conversions Part 1

Format	Color
Hex	847887
RGB	132, 120, 135
RGB Percent	52%, 47%, 53%
CMY	0.4823, 0.5294, 0.4706
CMYK	0.02, 0.11, 0.00, 0.47
HSL	288°, 6%, 50%
HSV	288°, 11%, 53%
XYZ	20.6054, 20.0877, 25.7130
YIQ	125.2980, 2.3370, 7.2090

Conversions

Conversions Part 2

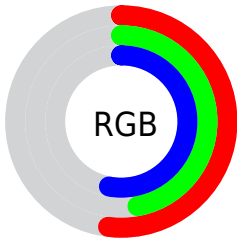
Format	Color
R_{YB}	132, 120, 135
Decimal	8681607
CIE _{Lab}	51.94, 7.54, -6.49
CIE _{LCh}	52, 9.947, 319.270
Yxy	20.0877, 0.3103, 0.3025
Android (android.graphics.Color)	4286871687 (0xFF847887)
YUV	125.2980, 4.7831, 5.8777
Hunter-Lab	44.8193, 3.6305, -2.6414

Details

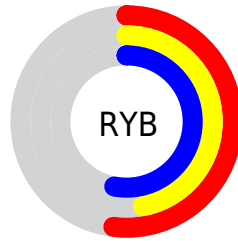
The XYZ color **20.6054, 20.0877, 25.7130** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.2231, 22.8955, 21.1236**, and the grayscale version is **19.5777, 20.5973, 22.4304**.

A 20% lighter version of the original color is **43.8372, 43.4502, 53.6532**, and **7.5243, 7.1296, 9.5739** is the 20% darker color. If you saturate the color by 10%, you get **18.6784, 16.8521, 25.1903**, and if you desaturate by 10%, it is **22.7735, 23.7886, 26.3134**.

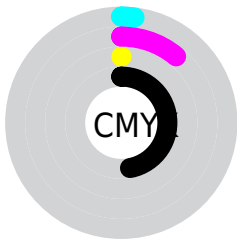
Distribution



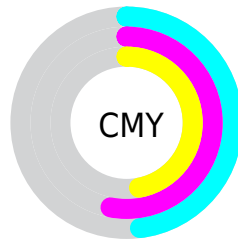
- Red (52%)
- Green (47%)
- Blue (53%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6054, 20.0877, 25.7130 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 20.6054, 20.0877, 25.7130 by changing the saturation by 10% instead.

■ 20.6054, 20.0877,
25.7130

■ 20.6054, 20.0877,
25.7130

247.9455,
252.3895, 294.9309

■ 12.9467, 12.4588,
16.3852

■ 43.9261, 43.5642,
53.7900

■ 7.4686, 7.0570,
9.6399

■ 60.3188, 60.1805,
73.3762

■ 3.8058, 3.4977,
5.0584

■ 80.3536, 80.5615,
97.2191

■ 1.5928, 1.3968,
2.2222

104.3958,
105.0915, 125.7370

■ 0.3877, 0.2144,
0.6871

132.8107,
134.1549, 159.3487

■ 0.0000, 0.0000,
0.0000

165.9637,

168.1361, 198.4725

204.2202,
207.4195, 243.5270

■ 20.6054, 20.0877,
25.7130

■ 20.6054, 20.0877,
25.7130

■ 18.6784, 16.8521,
25.1903

■ 22.7735, 23.7886,
26.3134

■ 16.9810, 14.0600,
24.7409

■ 25.1899, 27.9700,
26.9931

■ 15.5036, 11.6918,
24.3616

■ 27.8637, 32.6499,
27.7555

■ 14.2351, 9.7256,
24.0490

■ 30.8032, 37.8445,
28.6032

■ 13.1633, 8.1372,
23.7989

■ 34.0161, 43.5692,
29.5389

■ 12.2750, 6.8999,
23.6069

■ 37.5098, 49.8388,
30.5649

■ 11.5549, 5.9837,
23.4680

■ 41.2915, 56.6675,
31.6836

■ 10.9853, 5.3531,
23.3763

■ 45.3682, 64.0690,
32.8974

■ 10.5578, 4.9376,
23.3186

■ 49.7464, 72.0564,
34.2084

Harmonies

Analogous

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



19.7421, 20.0877, 27.5649



20.6054, 20.0877, 25.7130



21.0688, 20.0877, 22.9260

Triad

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



20.6054, 20.0877, 25.7130



19.4573, 20.0877, 16.8415



17.3144, 20.0877, 23.7630

Complementary

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



20.6054, 20.0877, 25.7130



20.2231, 22.8955, 21.1236

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.



17.2443, 20.0877, 20.8510



20.6054, 20.0877, 25.7130



18.4578, 20.0877, 17.0226

Square

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



20.6054, 20.0877, 25.7130



20.3906, 20.0877, 17.9155



17.6560, 20.0877, 18.4341



17.8512, 20.0877, 26.3721

Rectangle

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



20.6054, 20.0877, 25.7130



21.0780, 20.0877, 20.9867



17.6560, 20.0877, 18.4341



17.2362, 20.0877, 22.7820

Sweetspot

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



20.6060, 20.0886, 25.7134



39.9879, 41.2362, 46.9002



19.2026, 19.9091, 25.7528



9.1914, 9.4310, 10.8423



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.



20.6060, 20.0886, 25.7134



36.1118, 34.6403, 45.8313



20.7716, 20.2098, 24.1021



4.7691, 4.7171, 5.8599



9.7463, 4.5586, 21.5029



0.0395, 0.0188, 0.0748

Inverse Universe

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



20.2839, 20.0147, 21.5338



35.4385, 34.4884, 36.9796



20.0802, 22.7895, 22.5762



4.7079, 4.7028, 5.0739



9.4001, 4.8244, 1.4136



0.0347, 0.0176, 0.0162

Previews

White Background



This preview shows how the XYZ color 20.6054, 20.0877, 25.7130 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 20.6054, 20.0877, 25.7130 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 20.6054, 20.0877, 25.7130

Background



This preview shows how black text looks on a background with the XYZ color 20.6054, 20.0877, 25.7130.



This preview shows how white text looks on a background with the XYZ color 20.6054, 20.0877,

25.7130.

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

20.6054, 20.0877, 25.7130

Protanopia

19.6244, 20.1096, 26.5141

Deuteranopia

20.4497, 20.0075, 25.7057



Tritanopia

20.2267, 20.1117, 23.9350

Trichromacy



Original Color

20.6054, 20.0877, 25.7130

Protanomaly

20.0077, 20.1323, 26.1239

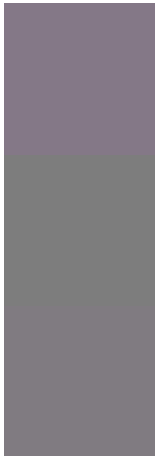
Deuteranomaly

20.4497, 20.0075, 25.7057

Tritanomaly

20.3623, 20.1660, 24.6490

Monochromacy



Original Color

20.6054, 20.0877, 25.7130

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.9475, 20.3401, 23.6436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6054, 20.0877, 25.7130 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(132, 120, 135)` looks like.

```
.text, #text, p{  
    color:rgb(132, 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(132, 120, 135) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 20.6054, 20.0877, 25.7130 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(132, 120, 135) }
```


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

```
.border{ border-color:rgb(132, 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(132, 120, 135)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 20.6054, 20.0877, 25.7130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(132,  
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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