

Converting Colors

XYZ(20.4821, 20.5855, 23.6982)

Have a look what the booklet for
XYZ(20.4821, 20.5855, 23.6982)
contains.

XYZ(20.5611, 20.6564, 23.6723)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.5611, 20.6564,
23.6723)**

Conversions

Conversions Part 1

Format	Color
Hex	847B81
RGB	132, 123, 129
RGB Percent	52%, 48%, 51%
CMY	0.4824, 0.5176, 0.4941
CMYK	0.00, 0.07, 0.02, 0.48
HSL	320°, 4%, 50%
HSV	320°, 7%, 52%
XYZ	20.5611, 20.6564, 23.6723
YIQ	126.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

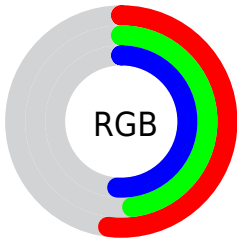
Format	Color
R_{YB}	132, 123, 129
Decimal	8682369
CIE Lab	52.57, 4.58, -2.03
CIE LCh	53, 5.015, 336.073
Yxy	20.6564, 0.3169, 0.3183
Android (android.graphics.Color)	4286872449 (0xFF847B81)
YUV	126.3750, 1.2941, 4.9331
Hunter-Lab	45.4493, 1.2164, 0.9333

Details

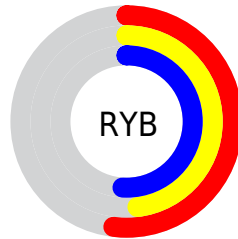
The XYZ color **20.5611, 20.6564, 23.6723** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.1863, 22.2203, 22.9647**, and the grayscale version is **19.9543, 20.9934, 22.8619**.

A 20% lighter version of the original color is **43.7811, 44.3516, 50.5092**, and **7.4640, 7.3157, 8.6081** is the 20% darker color. If you saturate the color by 10%, you get **18.7467, 17.4855, 21.6553**, and if you desaturate by 10%, it is **22.6101, 24.2758, 25.8301**.

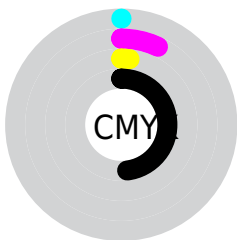
Distribution



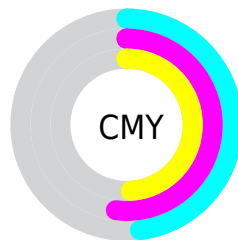
- Red (52%)
- Green (48%)
- Blue (51%)



- Red (52%)
- Yellow (48%)
- Blue (51%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (48%)



- Cyan (48%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5611, 20.6564, 23.6723 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 20.5611, 20.6564, 23.6723 by changing the saturation by 10% instead.

■ 20.5611, 20.6564,
23.6723

■ 20.5611, 20.6564,
23.6723

247.7128,
255.4468, 284.3925

■ 12.9142, 12.8731,
14.8808

■ 43.8527, 44.5150,
50.4320

■ 7.4461, 7.3412,
8.5901

■ 60.2282, 61.3590,
69.2373

■ 3.7914, 3.6764,
4.3816

■ 80.2438, 81.9921,
92.2175

■ 1.5848, 1.4942,
1.8370

104.2650,
106.7986, 119.7913

■ 0.3825, 0.2847,
0.4522

132.6572,
136.1629, 152.3772

■ 0.0000, 0.0000,
0.0000

165.7856,

170.4695, 190.3936

204.0157,
210.1026, 234.2592

■ 20.5611, 20.6564,
23.6723

■ 20.5611, 20.6564,
23.6723

■ 18.7467, 17.4855,
21.6553

■ 22.6101, 24.2758,
25.8301

■ 17.1562, 14.7427,
19.7741

■ 24.9004, 28.3576,
28.1311

■ 15.7807, 12.4102,
18.0252

■ 27.4405, 32.9185,
30.5790

■ 14.6099, 10.4678,
16.4044

■ 30.2381, 37.9734,
33.1772

■ 13.6328, 8.8936,
14.9071

■ 33.3005, 43.5368,
35.9287

■ 12.8371, 7.6635,
13.5284

■ 36.6347, 49.6225,
38.8367

■ 12.2093, 6.7505,
12.2630

■ 40.2475, 56.2436,
41.9041

■ 11.7337, 6.1235,
11.1048

■ 44.1453, 63.4130,
45.1337

■ 11.3812, 5.7247,
10.0431

■ 48.3343, 71.1430,
48.5283

Harmonies

Analogous

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



20.2277, 20.6564, 24.8851



20.5611, 20.6564, 23.6723



20.6440, 20.6564, 22.1898

Triad

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



20.5611, 20.6564, 23.6723



19.5277, 20.6564, 19.7634



18.8365, 20.6564, 24.2192

Complementary

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



20.5611, 20.6564, 23.6723



20.1863, 22.2203, 22.9647

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.



18.6561, 20.6564, 22.7955



20.5611, 20.6564, 23.6723



19.0507, 20.6564, 20.2562

Square

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



20.5611, 20.6564, 23.6723



20.0414, 20.6564, 19.9751



18.7338, 20.6564, 21.3503



19.2307, 20.6564, 25.2105

Rectangle

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



20.5611, 20.6564, 23.6723



20.5448, 20.6564, 21.2566



18.7338, 20.6564, 21.3503



18.7492, 20.6564, 23.7730

Sweetspot

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



20.5617, 20.6573, 23.6727



37.8885, 39.3288, 43.4812



19.8528, 20.2685, 24.6959



8.8330, 9.1773, 10.1357



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.



20.5617, 20.6573, 23.6727



35.7596, 35.5806, 41.2005



20.2692, 20.5403, 22.1323



4.7936, 4.7371, 5.5256



10.9213, 5.4329, 9.4239



0.0412, 0.0202, 0.0505

Inverse Universe

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



20.5617, 20.6573, 23.6727



35.7596, 35.5806, 41.2005



20.4832, 22.3391, 24.5282



4.7936, 4.7371, 5.5256



10.9213, 5.4329, 9.4239



0.0412, 0.0202, 0.0505

Previews

White Background



This preview shows how the XYZ color 20.5611, 20.6564, 23.6723 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 20.5611, 20.6564, 23.6723 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 20.5611, 20.6564, 23.6723

Background



This preview shows how black text looks on a background with the XYZ color 20.5611, 20.6564, 23.6723.



This preview shows how white text looks on a background with the XYZ color 20.5611, 20.6564,

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

20.5611, 20.6564, 23.6723

Protanopia

19.9671, 20.7146, 24.0650

Deuteranopia

21.0753, 20.7383, 23.6610



Tritanopia

20.7635, 20.7374, 24.7382

Trichromacy



Original Color

20.5611, 20.6564, 23.6723

Protanomaly

20.1390, 20.6162, 24.0370

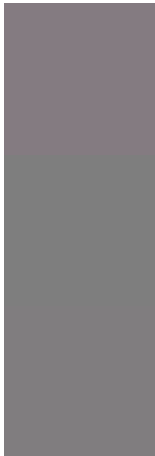
Deuteranomaly

20.9137, 20.6549, 23.6534

Tritanomaly

20.6954, 20.7101, 24.3794

Monochromacy



Original Color

20.5611, 20.6564, 23.6723

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.0665, 20.7887, 23.0337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5611, 20.6564, 23.6723 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, 123, 129)` looks like.

```
.text, #text, p{  
    color:rgb(132, 123, 129)  
}
```

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, 123, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 123, 129) }
```

Border

The CSS property to change the border of an element to XYZ 20.5611, 20.6564, 23.6723 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, 123, 129) }
```


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

```
.border{ border-color:rgb(132, 123, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 123, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 123, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 123, 129);  
box-shadow:4px 4px 4px 4px rgb(132, 123,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5611, 20.6564, 23.6723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 123, 129) }
```

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

```
.background{ background-color: rgb(132,  
123, 129) }
```

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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