

Converting Colors

XYZ(21.3669, 20.2599, 23.5668)

Have a look what the booklet for
XYZ(21.3669, 20.2599, 23.5668)
contains.

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Color

**XYZ(21.2561, 20.1173,
23.5316)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7681
RGB	140, 118, 129
RGB Percent	55%, 46%, 51%
CMY	0.4510, 0.5372, 0.4941
CMYK	0.00, 0.16, 0.08, 0.45
HSL	330°, 9%, 51%
HSV	330°, 16%, 55%
XYZ	21.2561, 20.1173, 23.5316
YIQ	125.8320, 9.5810, 8.0850

Conversions

Conversions Part 2

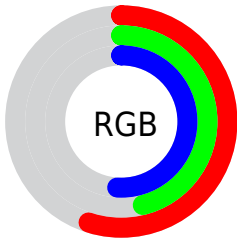
Format	Color
R_{YB}	140, 118, 129
Decimal	9205377
CIE _{Lab}	51.97, 10.52, -2.83
CIE _{LCh}	52, 10.898, 344.932
Yxy	20.1173, 0.3275, 0.3099
Android (android.graphics.Color)	4287395457 (0xFF8C7681)
YUV	125.8320, 1.5618, 12.4253
Hunter-Lab	44.8523, 6.1019, 0.2903

Details

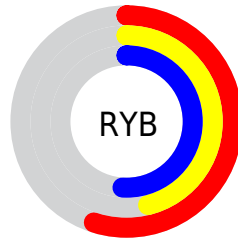
The XYZ color **21.2561, 20.1173, 23.5316** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.8125, 24.1932, 24.3428**, and the grayscale version is **19.7672, 20.7966, 22.6475**.

A 20% lighter version of the original color is **45.0664, 43.5962, 50.2956**, and **7.8546, 7.1332, 8.5523** is the 20% darker color. If you saturate the color by 10%, you get **19.2788, 16.8820, 20.6548**, and if you desaturate by 10%, it is **23.5111, 23.8566, 26.6588**.

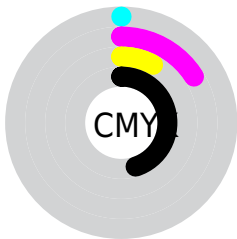
Distribution



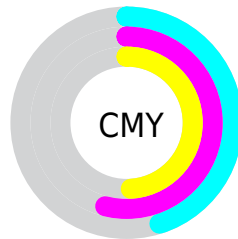
- Red (55%)
- Green (46%)
- Blue (51%)



- Red (55%)
- Yellow (46%)
- Blue (51%)



- Cyan (0%)
- Magenta (16%)
- Yellow (8%)
- Black (45%)



- Cyan (45%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2561, 20.1173, 23.5316 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 21.2561, 20.1173, 23.5316 by changing the saturation by 10% instead.

■ 21.2561, 20.1173,
23.5316

■ 21.2561, 20.1173,
23.5316

251.3424,
252.5494, 283.6537

■ 13.4249, 12.4803,
14.7775

■ 45.0014, 43.6138,
50.1990

■ 7.8008, 7.0717,
8.5185

■ 61.6462, 60.2420,
68.9494

■ 4.0185, 3.5070,
4.3360

■ 81.9596, 80.6362,
91.8689

■ 1.7126, 1.4018,
1.8114

106.3069,
105.1807, 119.3763

■ 0.4641, 0.2180,
0.4355

135.0535,
134.2599, 151.8898

■ 0.0000, 0.0000,
0.0000

168.5647,

168.2581, 189.8283

207.2059,
207.5598, 233.6100

■ 21.2561, 20.1173,
23.5316

■ 21.2561, 20.1173,
23.5316

■ 19.2788, 16.8820,
20.6548

■ 23.5111, 23.8566,
26.6588

■ 17.5662, 14.1262,
18.0202

■ 26.0529, 28.1176,
30.0417

■ 16.1067, 11.8275,
15.6209

■ 28.8921, 32.9205,
33.6871

■ 14.8870, 9.9606,
13.4493

■ 32.0383, 38.2835,
37.6010

■ 13.8927, 8.4978,
11.4969

■ 35.5006, 44.2241,
41.7893

■ 13.1076, 7.4078,
9.7550

■ 39.2880, 50.7589,
46.2577

■ 12.5133, 6.6550,
8.2135

■ 43.4087, 57.9039,
51.0116

■ 12.0829, 6.1868,
6.8597

■ 47.8710, 65.6745,
56.0563

■ 11.9206, 6.0176,
6.3264

■ 52.6826, 74.0855,
61.3971

Harmonies

Analogous

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



20.6678, 20.1173, 26.5214



21.2561, 20.1173, 23.5316



21.2575, 20.1173, 20.3672

Triad

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



21.2561, 20.1173, 23.5316



18.5764, 20.1173, 16.5146



17.6498, 20.1173, 26.5098

Complementary

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



21.2561, 20.1173, 23.5316



20.8125, 24.1932, 24.3428

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.



17.1325, 20.1173, 23.5169



21.2561, 20.1173, 23.5316



17.6532, 20.1173, 17.8568

Square

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



21.2561, 20.1173, 23.5316



19.6810, 20.1173, 16.5177



17.1337, 20.1173, 20.3538



18.5716, 20.1173, 28.3506

Rectangle

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



21.2561, 20.1173, 23.5316



20.9240, 20.1173, 18.5883



17.1337, 20.1173, 20.3538



17.4244, 20.1173, 25.5930

Sweetspot

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



21.2567, 20.1182, 23.5320



41.7082, 42.4892, 47.3493



20.2661, 19.5184, 27.5105



9.5499, 9.6894, 10.8282



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.



21.2567, 20.1182, 23.5320



36.1344, 33.2636, 39.5662



20.5644, 19.8413, 19.8865



5.1303, 5.0876, 5.7747



10.6019, 5.3509, 5.6737



0.0778, 0.0385, 0.0765

Inverse Universe

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



21.2567, 20.1182, 23.5320



36.1344, 33.2636, 39.5662



21.5835, 24.5016, 28.4029



5.1303, 5.0876, 5.7747



10.6019, 5.3509, 5.6737



0.0778, 0.0385, 0.0765

Previews

White Background



This preview shows how the XYZ color 21.2561, 20.1173, 23.5316 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 21.2561, 20.1173, 23.5316 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 21.2561, 20.1173, 23.5316

Background



This preview shows how black text looks on a background with the XYZ color 21.2561, 20.1173, 23.5316.



This preview shows how white text looks on a background with the XYZ color 21.2561, 20.1173,

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

21.2561, 20.1173, 23.5316

Protanopia

19.5600, 20.1169, 24.6818

Deuteranopia

20.5104, 20.0863, 23.5649



Tritanopia

21.1244, 20.0646, 22.8382

Trichromacy



Original Color

21.2561, 20.1173, 23.5316

Protanomaly

20.1400, 20.0593, 24.2831

Deuteranomaly

20.7126, 20.0129, 23.5401

Tritanomaly

21.1899, 20.0908, 23.1832

Monochromacy



Original Color

21.2561, 20.1173, 23.5316

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.2738, 20.5235, 22.9716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2561, 20.1173, 23.5316 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, 118, 129)` looks like.

```
.text, #text, p{  
    color:rgb(140, 118, 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(140, 118, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 118, 129) }
```

Border

The CSS property to change the border of an element to XYZ 21.2561, 20.1173, 23.5316 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, 118, 129) }
```


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

```
.border{ border-color:rgb(140, 118, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 118, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 118, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 118, 129);  
box-shadow:4px 4px 4px 4px rgb(140, 118,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2561, 20.1173, 23.5316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 118, 129) }
```

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

```
.background{ background-color: rgb(140,  
118, 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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