

Converting Colors

XYZ(20.2687, 20.0617, 22.0315)

Have a look what the booklet for
XYZ(20.2687, 20.0617, 22.0315)
contains.

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Color

**XYZ(20.1861, 19.9565,
21.8569)**

Conversions

Conversions Part 1

Format	Color
Hex	86787C
RGB	134, 120, 124
RGB Percent	53%, 47%, 49%
CMY	0.4745, 0.5294, 0.5137
CMYK	0.00, 0.10, 0.07, 0.47
HSL	343°, 6%, 50%
HSV	343°, 10%, 53%
XYZ	20.1861, 19.9565, 21.8569
YIQ	124.6420, 7.0600, 4.2120

Conversions

Conversions Part 2

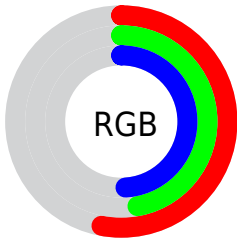
Format	Color
R_{YB}	134, 120, 124
Decimal	8812668
CIE Lab	51.79, 6.13, -0.23
CIE LCh	52, 6.129, 357.864
Yxy	19.9565, 0.3256, 0.3219
Android (android.graphics.Color)	4287002748 (0xFF86787C)
YUV	124.6420, -0.3165, 8.2070
Hunter-Lab	44.6727, 2.4810, 2.2622

Details

The XYZ color **20.1861, 19.9565, 21.8569** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.3009, 22.6555, 24.4231**, and the grayscale version is **19.3726, 20.3815, 22.1954**.

A 20% lighter version of the original color is **43.0825, 43.2044, 47.1429**, and **7.2435, 7.0275, 7.6313** is the 20% darker color. If you saturate the color by 10%, you get **18.1098, 16.7259, 18.3216**, and if you desaturate by 10%, it is **22.5479, 23.6635, 25.7779**.

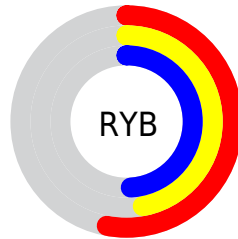
Distribution



Red (53%)

Green (47%)

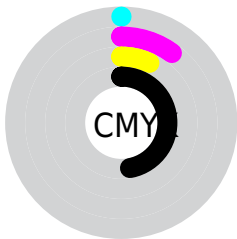
Blue (49%)



Red (53%)

Yellow (47%)

Blue (49%)

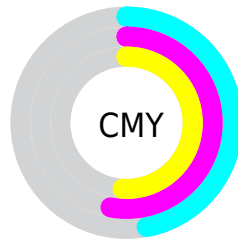


Cyan (0%)

Magenta (10%)

Yellow (7%)

Black (47%)



Cyan (47%)

Magenta (53%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1861, 19.9565, 21.8569 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 20.1861, 19.9565, 21.8569 by changing the saturation by 10% instead.

■ 20.1861, 19.9565,
21.8569

■ 20.1861, 19.9565,
21.8569

245.7352,
251.6795, 274.7271

■ 12.6394, 12.3634,
13.5545

■ 43.2305, 43.3442,
47.4085

■ 7.2560, 6.9917,
7.6763

■ 59.4590, 59.9077,
65.4948

■ 3.6705, 3.4569,
3.8037

■ 79.3122, 80.2301,
87.6795

■ 1.5175, 1.3747,
1.5183

103.1553,
104.6958, 114.3810

■ 0.3377, 0.1979,
0.2315

131.3539,
133.6892, 146.0180

■ 0.0000, 0.0000,
0.0000

164.2731,

167.5947, 183.0090

202.2785,
206.7966, 225.7725

■ 20.1861, 19.9565,
21.8569

■ 20.1861, 19.9565,
21.8569

■ 18.1098, 16.7259,
18.3216

■ 22.5479, 23.6635,
25.7779

■ 16.3062, 13.9497,
15.1587

■ 25.2039, 27.8624,
30.0946

■ 14.7643, 11.6083,
12.3563

■ 28.1644, 32.5713,
34.8183

■ 13.4715, 9.6793,
9.9011

■ 31.4389, 37.8066,
39.9594

■ 12.4141, 8.1386,
7.7790

■ 35.0362, 43.5840,
45.5281

■ 11.5772, 6.9594,
5.9749

■ 38.9651, 49.9184,
51.5340

■ 10.9438, 6.1115,
4.4725

■ 43.2338, 56.8244,
57.9864

■ 10.4946, 5.5599,
3.2537

■ 47.8503, 64.3157,
64.8946

■ 10.1859, 5.2101,
2.3256

■ 52.8223, 72.4058,
72.2673

Harmonies

Analogous

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



19.9969, 19.9565, 23.5989



20.1861, 19.9565, 21.8569



20.0430, 19.9565, 20.1703

Triad

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



20.1861, 19.9565, 21.8569



18.4156, 19.9565, 18.8449



18.3402, 19.9565, 24.7546

Complementary

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



20.1861, 19.9565, 21.8569



20.3009, 22.6555, 24.4231

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.



17.9322, 19.9565, 23.3665



20.1861, 19.9565, 21.8569



17.9751, 19.9565, 19.9610

Square

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



20.1861, 19.9565, 21.8569



19.0126, 19.9565, 18.4889



17.8000, 19.9565, 21.6021



18.9236, 19.9565, 25.3277

Rectangle

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



20.1861, 19.9565, 21.8569



19.7802, 19.9565, 19.2914



17.8000, 19.9565, 21.6021



18.1784, 19.9565, 24.3642

Sweetspot

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



20.1867, 19.9574, 21.8573



38.5872, 39.8987, 43.5410



20.1955, 19.8851, 25.3284



8.6225, 8.8775, 9.6923



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.



20.1867, 19.9574, 21.8573



34.4771, 33.4619, 36.6727



20.2805, 20.5416, 20.6663



4.7232, 4.7090, 5.1549



9.5498, 4.8843, 2.2015



0.0359, 0.0181, 0.0225

Inverse Universe

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



20.1867, 19.9574, 21.8573



34.4771, 33.4619, 36.6727



20.1927, 22.0013, 25.7370



4.7232, 4.7090, 5.1549



9.5498, 4.8843, 2.2015



0.0359, 0.0181, 0.0225

Previews

White Background



This preview shows how the XYZ color 20.1861, 19.9565, 21.8569 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 20.1861, 19.9565, 21.8569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

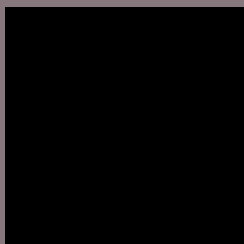
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

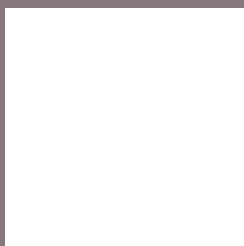
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.1861, 19.9565, 21.8569

Background



This preview shows how black text looks on a background with the XYZ color 20.1861, 19.9565, 21.8569.



This preview shows how white text looks on a background with the XYZ color 20.1861, 19.9565,

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

20.1861, 19.9565, 21.8569

Protanopia

19.3063, 20.0322, 22.5877

Deuteranopia

20.3462, 20.0391, 21.8643



Tritanopia

20.5509, 19.9295, 23.5325

Trichromacy



Original Color

20.1861, 19.9565, 21.8569

Protanomaly

19.5633, 19.9889, 22.2292

Deuteranomaly

20.3462, 20.0391, 21.8643

Tritanomaly

20.4193, 19.8769, 22.8391

Monochromacy



Original Color

20.1861, 19.9565, 21.8569

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.6867, 20.2358, 22.2703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1861, 19.9565, 21.8569 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(134, 120, 124)` looks like.

```
.text, #text, p{  
    color:rgb(134, 120, 124)  
}
```

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(134, 120, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 120, 124) }
```

Border

The CSS property to change the border of an element to XYZ 20.1861, 19.9565, 21.8569 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(134, 120, 124) }
```


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

```
.border{ border-color:rgb(134, 120, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 120, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 120, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 120, 124);  
box-shadow:4px 4px 4px 4px rgb(134, 120,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1861, 19.9565, 21.8569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 120, 124) }
```

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

```
.background{ background-color: rgb(134,  
120, 124) }
```

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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