

Converting Colors

XYZ(21.0993, 21.9099, 24.1440)

Have a look what the booklet for
XYZ(21.0993, 21.9099, 24.1440)
contains.

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Color

**XYZ(21.1085, 21.8753,
24.2289)**

Conversions

Conversions Part 1

Format	Color
Hex	838082
RGB	131, 128, 130
RGB Percent	51%, 50%, 51%
CMY	0.4863, 0.4980, 0.4902
CMYK	0.00, 0.02, 0.01, 0.49
HSL	320°, 1%, 51%
HSV	320°, 2%, 51%
XYZ	21.1085, 21.8753, 24.2289
YIQ	129.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

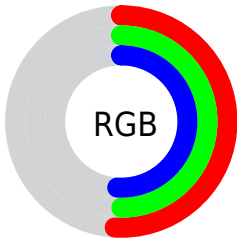
Format	Color
R_{YB}	131, 128, 130
Decimal	8618114
CIE Lab	53.89, 1.52, -0.69
CIE LCh	54, 1.670, 335.666
Yxy	21.8753, 0.3141, 0.3255
Android (android.graphics.Color)	4286808194 (0xFF838082)
YUV	129.1250, 0.4314, 1.6444
Hunter-Lab	46.7710, -1.2895, 2.0256

Details

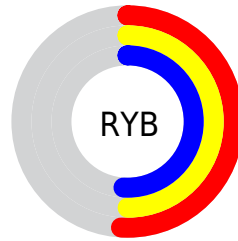
The XYZ color **21.1085, 21.8753, 24.2289** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.9816, 22.4074, 23.9892**, and the grayscale version is **20.9088, 21.9977, 23.9555**.

A 20% lighter version of the original color is **44.8383, 46.6570, 51.4422**, and **7.7609, 7.9799, 8.9158** is the 20% darker color. If you saturate the color by 10%, you get **19.2220, 18.5616, 22.1836**, and if you desaturate by 10%, it is **23.2293, 25.6372, 26.4143**.

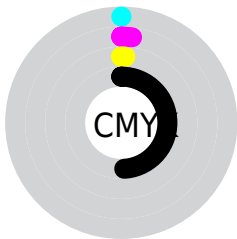
Distribution



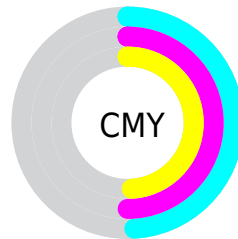
- Red (51%)
- Green (50%)
- Blue (51%)



- Red (51%)
- Yellow (50%)
- Blue (51%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (49%)



- Cyan (49%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1085, 21.8753, 24.2289 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 21.1085, 21.8753, 24.2289 by changing the saturation by 10% instead.

■ 21.1085, 21.8753,
24.2289

■ 21.1085, 21.8753,
24.2289

250.5754,
261.8944, 287.2994

■ 13.3162, 13.7653,
15.2897

■ 44.7580, 46.5398,
51.3520

■ 7.7252, 7.9576,
8.8741

■ 61.3459, 63.8631,
70.3730

■ 3.9699, 4.0678,
4.5635

■ 81.5964, 85.0263,
93.5917

■ 1.6851, 1.7116,
1.9393

105.8748,
110.4138, 121.4266

■ 0.4469, 0.4311,
0.5176

134.5466,
140.4099, 154.2963

■ 0.0000, 0.0000,
0.0000

167.9771,

175.3991, 192.6193

206.5315,
215.7658, 236.8142

■ 21.1085, 21.8753,
24.2289

■ 21.1085, 21.8753,
24.2289

■ 19.2220, 18.5616,
22.1836

■ 23.2293, 25.6372,
26.4143

■ 17.5594, 15.6763,
20.2734

■ 25.5907, 29.8603,
28.7419

■ 16.1124, 13.2025,
18.4950

■ 28.2010, 34.5606,
31.2154

■ 14.8711, 11.1211,
16.8444

■ 31.0674, 39.7528,
33.8379

■ 13.8251, 9.4114,
15.3172

■ 34.1970, 45.4505,
36.6125

■ 12.9630, 8.0508,
13.9089

■ 37.5967, 51.6670,
39.5422

■ 12.2721, 7.0142,
12.6145

■ 41.2728, 58.4152,
42.6298

■ 11.7380, 6.2732,
11.4281

■ 45.2317, 65.7074,
45.8780

■ 11.3440, 5.7943,
10.3435

■ 49.4795, 73.5556,
49.2896

Harmonies

Analogous

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



20.9941, 21.8753, 24.6322



21.1085, 21.8753, 24.2289



21.1378, 21.8753, 23.7208

Triad

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



21.1085, 21.8753, 24.2289



20.7577, 21.8753, 22.8465



20.5121, 21.8753, 24.4006

Complementary

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



21.1085, 21.8753, 24.2289



20.9816, 22.4074, 23.9892

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.



20.4496, 21.8753, 23.9164



21.1085, 21.8753, 24.2289



20.5908, 21.8753, 23.0229

Square

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



21.1085, 21.8753, 24.2289



20.9346, 21.8753, 22.9274



20.4783, 21.8753, 23.4127



20.6497, 21.8753, 24.7323

Rectangle

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



21.1085, 21.8753, 24.2289



21.1051, 21.8753, 23.3921



20.4783, 21.8753, 23.4127



20.4817, 21.8753, 24.2500

Sweetspot

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



21.1091, 21.8762, 24.2294



38.2585, 39.9826, 43.8702



20.8700, 21.7452, 24.5704



8.9133, 9.3193, 10.2201



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.



21.1091, 21.8762, 24.2294



37.5227, 38.6833, 43.0941



21.0093, 21.8363, 23.7035



5.0469, 5.1824, 5.7986



10.9203, 5.4325, 9.4184



0.0412, 0.0202, 0.0505

Inverse Universe

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



21.1091, 21.8762, 24.2294



37.5227, 38.6833, 43.0941



21.0820, 22.4475, 24.5176



5.0469, 5.1824, 5.7986



10.9203, 5.4325, 9.4184



0.0412, 0.0202, 0.0505

Previews

White Background



This preview shows how the XYZ color 21.1085, 21.8753, 24.2289 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 21.1085, 21.8753, 24.2289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

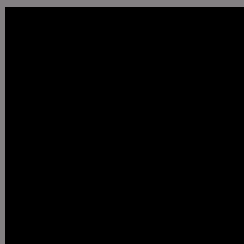
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

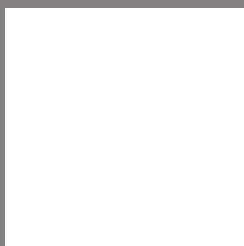
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.1085, 21.8753, 24.2289

Background



This preview shows how black text looks on a background with the XYZ color 21.1085, 21.8753, 24.2289.



This preview shows how white text looks on a background with the XYZ color 21.1085, 21.8753,

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

21.1085, 21.8753, 24.2289

Protanopia

21.1085, 21.8753, 24.2289

Deuteranopia

22.2456, 21.8814, 24.5238



Tritanopia

21.6204, 21.8904, 26.7527

Trichromacy



Original Color

21.1085, 21.8753, 24.2289

Protanomaly

21.1085, 21.8753, 24.2289

Deuteranomaly

21.8741, 21.8788, 24.5429

Tritanomaly

21.4082, 21.8055, 25.6348

Monochromacy



Original Color

21.1085, 21.8753, 24.2289

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.0186, 22.0313, 23.9135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1085, 21.8753, 24.2289 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(131, 128, 130)` looks like.

```
.text, #text, p{  
    color:rgb(131, 128, 130)  
}
```

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(131, 128, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 128, 130) }
```

Border

The CSS property to change the border of an element to XYZ 21.1085, 21.8753, 24.2289 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(131, 128, 130) }
```


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

```
.border{ border-color:rgb(131, 128, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 128, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 128, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 128, 130);  
box-shadow:4px 4px 4px 4px rgb(131, 128,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1085, 21.8753, 24.2289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 128, 130) }
```

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

```
.background{ background-color: rgb(131,  
128, 130) }
```

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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