

Converting Colors

XYZ(21.1793, 25.3613, 10.0823)

Have a look what the booklet for
XYZ(21.1793, 25.3613, 10.0823)
contains.

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Color

**XYZ(21.1784, 25.3602,
10.0821)**

Conversions

Conversions Part 1

Format	Color
Hex	888F49
RGB	136, 143, 73
RGB Percent	53%, 56%, 29%
CMY	0.4667, 0.4392, 0.7137
CMYK	0.05, 0.00, 0.49, 0.44
HSL	66°, 32%, 42%
HSV	66°, 49%, 56%
XYZ	21.1784, 25.3602, 10.0821
YIQ	132.9270, 18.2980, -23.2540

Conversions

Conversions Part 2

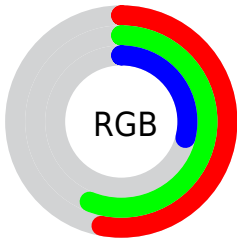
Format	Color
R_{YB}	73, 143, 80
Decimal	8949577
CIE _{Lab}	57.42, -13.36, 36.11
CIE _{LCh}	57, 38.505, 110.303
Yxy	25.3602, 0.3740, 0.4479
Android (android.graphics.Color)	4287139657 (0xFF888F49)
YUV	132.9270, -29.5440, 2.6950
Hunter-Lab	50.3589, -13.0601, 23.3811

Details

The XYZ color **21.1784, 25.3602, 10.0821** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **10.6496, 8.4543, 27.0587**, and the grayscale version is **22.3678, 23.5326, 25.6270**.

A 20% lighter version of the original color is **45.0273, 52.4389, 26.4874**, and **7.7460, 9.7837, 2.3999** is the 20% darker color. If you saturate the color by 10%, you get **20.5272, 25.0740, 7.8551**, and if you desaturate by 10%, it is **21.9430, 25.6940, 12.8846**.

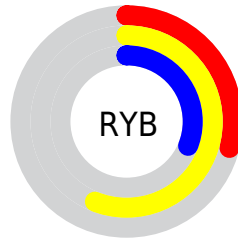
Distribution



Red (53%)

Green (56%)

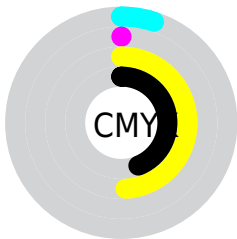
Blue (29%)



Red (29%)

Yellow (56%)

Blue (31%)

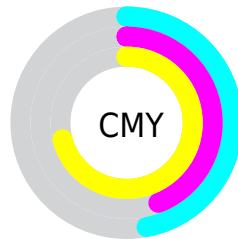


Cyan (5%)

Magenta (0%)

Yellow (49%)

Black (44%)



Cyan (47%)

Magenta (44%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1784, 25.3602, 10.0821 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 21.1784, 25.3602, 10.0821 by changing the saturation by 10% instead.

■ 21.1784, 25.3602,
10.0821

■ 21.1784, 25.3602,
10.0821

250.9389,
279.6270, 201.7631

■ 13.3677, 16.3456,
5.3471

■ 44.8733, 52.2410,
26.5600

■ 7.7610, 9.7691,
2.3901

■ 61.4882, 70.8760,
39.1401

■ 3.9929, 5.2461,
0.7810

■ 81.7685, 93.4865,
55.1722

■ 1.6981, 2.3924,
0.0000

■ 106.0796,
120.4571, 75.0749

■ 0.4551, 0.8220,
0.0000

■ 134.7868,
152.1720, 99.2669

■ 0.0000, 0.0000,
0.0000

168.2555,

189.0157, 128.1665

206.8511,
231.3726, 162.1924

■ 21.1784, 25.3602,
10.0821

■ 21.1784, 25.3602,
10.0821

■ 20.5272, 25.0740,
7.8551

■ 21.9430, 25.6940,
12.8846

■ 19.9799, 24.8287,
6.1620

■ 22.8260, 26.0745,
16.2971

■ 19.5287, 24.6223,
4.9584

■ 23.8343, 26.5056,
20.3533

■ 19.1635, 24.4506,
4.1918

■ 24.9738, 26.9895,
25.0840

■ 18.8611, 24.3044,
3.7402

■ 26.2500, 27.5285,
30.5179

■ 18.8302, 24.2894,
3.6959

■ 27.6680, 28.1245,
36.6822

■ 29.2328, 28.7796,
43.6025

■ 30.9489, 29.4957,
51.3033

■ 32.8208, 30.2744,
59.8080

Harmonies

Analogous

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



25.6165, 25.3602, 9.4787



21.1784, 25.3602, 10.0821



17.9486, 25.3602, 14.4435

Triad

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



21.1784, 25.3602, 10.0821



18.9101, 25.3602, 51.8911



33.8579, 25.3602, 32.0779

Complementary

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



21.1784, 25.3602, 10.0821



10.6496, 8.4543, 27.0587

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.



31.5270, 25.3602, 47.0355



21.1784, 25.3602, 10.0821



22.6524, 25.3602, 60.6399

Square

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



21.1784, 25.3602, 10.0821



16.7586, 25.3602, 37.3111



27.2876, 25.3602, 58.6258



33.3326, 25.3602, 19.7603

Rectangle

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



21.1784, 25.3602, 10.0821



16.7336, 25.3602, 19.9616



27.2876, 25.3602, 58.6258



33.3722, 25.3602, 37.0054

Sweetspot

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



21.1790, 25.3614, 10.0826



43.3950, 47.7685, 39.3836



15.3998, 12.0587, 7.8195



9.8654, 10.9178, 8.6767



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.1790, 25.3614, 10.0826



36.6217, 44.8400, 13.6210



16.3928, 22.8940, 9.8586



5.7871, 6.2584, 5.7923



16.6584, 21.4803, 3.2681



0.1692, 0.2105, 0.0317

Inverse Universe

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



10.6496, 8.4543, 27.0587



15.4450, 10.8060, 47.8098



14.4115, 10.3937, 27.2347



5.1766, 5.2792, 6.7749



4.5575, 1.8431, 23.0926



0.0515, 0.0217, 0.2212

Previews

White Background



This preview shows how the XYZ color 21.1784, 25.3602, 10.0821 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 21.1784, 25.3602, 10.0821 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 21.1784, 25.3602, 10.0821

Background



This preview shows how black text looks on a background with the XYZ color 21.1784, 25.3602, 10.0821.



This preview shows how white text looks on a background with the XYZ color 21.1784, 25.3602,

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

21.1784, 25.3602, 10.0821

Protanopia

23.1747, 25.3073, 9.6246

Deuteranopia

25.5693, 25.0792, 10.3306



Tritanopia

25.3539, 25.3326, 30.7475

Trichromacy



Original Color

21.1784, 25.3602, 10.0821

Protanomaly

22.4018, 25.3350, 9.8403

Deuteranomaly

23.6443, 24.9039, 10.2173

Tritanomaly

23.4028, 25.1716, 21.0779

Monochromacy



Original Color

21.1784, 25.3602, 10.0821

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.6464, 24.1074, 18.5512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1784, 25.3602, 10.0821 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(136, 143, 73)` looks like.

```
.text, #text, p{  
    color:rgb(136, 143, 73)  
}
```

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(136, 143, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 143, 73) }
```

Border

The CSS property to change the border of an element to XYZ 21.1784, 25.3602, 10.0821 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(136, 143, 73) }
```


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

```
.border{ border-color:rgb(136, 143, 73) }
```

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

Here you see how a box with a 4 pixel rgb(136, 143, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 143, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 143, 73);  
box-shadow:4px 4px 4px 4px rgb(136, 143,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1784, 25.3602, 10.0821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 143, 73) }
```

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

```
.background{ background-color: rgb(136,  
143, 73) }
```

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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