

Converting Colors

XYZ(18.2134, 21.2485, 11.7357)

Have a look what the booklet for
XYZ(18.2134, 21.2485, 11.7357)
contains.

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Color

**XYZ(18.2134, 21.2485,
11.7357)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8355
RGB	125, 131, 85
RGB Percent	49%, 51%, 33%
CMY	0.5098, 0.4863, 0.6667
CMYK	0.05, 0.00, 0.35, 0.49
HSL	68°, 21%, 42%
HSV	68°, 35%, 51%
XYZ	18.2134, 21.2485, 11.7357
YIQ	123.9620, 11.1900, -15.5780

Conversions

Conversions Part 2

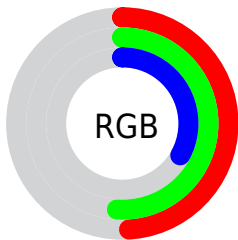
Format	Color
R_{YB}	85, 131, 91
Decimal	8225621
CIE _{Lab}	53.22, -10.10, 24.17
CIE _{LCh}	53, 26.192, 112.686
Yxy	21.2485, 0.3557, 0.4150
Android (android.graphics.Color)	4286415701 (0xFF7D8355)
YUV	123.9620, -19.2083, 0.9103
Hunter-Lab	46.0961, -10.1396, 17.1725

Details

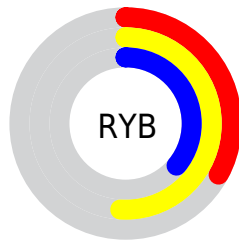
The XYZ color **18.2134, 21.2485, 11.7357** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.6605, 10.3604, 22.8593**, and the grayscale version is **19.2053, 20.2055, 22.0038**.

A 20% lighter version of the original color is **39.8738, 45.4952, 29.6016**, and **6.2852, 7.6769, 3.0700** is the 20% darker color. If you saturate the color by 10%, you get **17.4932, 20.9326, 9.2323**, and if you desaturate by 10%, it is **19.0354, 21.6071, 14.7477**.

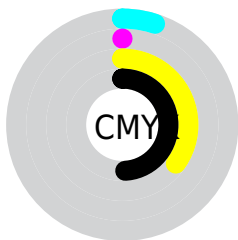
Distribution



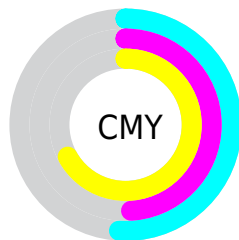
- Red (49%)
- Green (51%)
- Blue (33%)



- Red (33%)
- Yellow (51%)
- Blue (36%)



- Cyan (5%)
- Magenta (0%)
- Yellow (35%)
- Black (49%)



- Cyan (51%)
- Magenta (49%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2134, 21.2485, 11.7357 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 18.2134, 21.2485, 11.7357 by changing the saturation by 10% instead.

■ 18.2134, 21.2485,
11.7357

■ 18.2134, 21.2485,
11.7357

235.0935,
258.5962, 213.5631

■ 11.2039, 13.3058,
6.4436

■ 39.9279, 45.5007,
29.6700

■ 6.2725, 7.6394,
3.0435

■ 55.3635, 62.5790,
43.1493

■ 3.0537, 3.8651,
1.1169

■ 74.3387, 83.4713,
60.1947

■ 1.1822, 1.5984,
0.0000

■ 97.2186, 108.5620,
81.2248

■ 0.0923, 0.3565,
0.0000

■ 124.3687,
138.2354, 106.6582

■ 0.0000, 0.0000,
0.0000

156.1543,

172.8760, 136.9133

192.9408,
212.8681, 172.4088

■ 18.2134, 21.2485,
11.7357

■ 18.2134, 21.2485,
11.7357

■ 17.4932, 20.9326,
9.2323

■ 19.0354, 21.6071,
14.7477

■ 16.8677, 20.6543,
7.2082

■ 19.9625, 22.0075,
18.2930

■ 16.3318, 20.4123,
5.6331

■ 20.9998, 22.4526,
22.3961

■ 15.8787, 20.2040,
4.4725

■ 22.1517, 22.9439,
27.0797

■ 15.5011, 20.0263,
3.6872

■ 23.4222, 23.4832,
32.3652

■ 15.1880, 19.8749,
3.2195

■ 24.8152, 24.0720,
38.2729

■ 15.0439, 19.8047,
3.0298

■ 26.3345, 24.7118,
44.8222

■ 27.9835, 25.4041,
52.0316

■ 29.7657, 26.1501,
59.9189

Harmonies

Analogous

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



20.8808, 21.2485, 11.0777



18.2134, 21.2485, 11.7357



16.2544, 21.2485, 15.0763

Triad

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



18.2134, 21.2485, 11.7357



17.1405, 21.2485, 37.4883



25.9442, 21.2485, 25.1299

Complementary

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



18.2134, 21.2485, 11.7357



11.6605, 10.3604, 22.8593

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.



24.7284, 21.2485, 33.6525



18.2134, 21.2485, 11.7357



19.5265, 21.2485, 41.7719

Square

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



18.2134, 21.2485, 11.7357



15.6756, 21.2485, 29.5222



22.3176, 21.2485, 40.2277



25.5115, 21.2485, 17.7444

Rectangle

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



18.2134, 21.2485, 11.7357



15.5320, 21.2485, 18.8924



22.3176, 21.2485, 40.2277



25.7112, 21.2485, 27.9718

Sweetspot

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



18.2139, 21.2495, 11.7361



36.4398, 39.7065, 35.4736



14.6877, 12.8561, 10.3019



8.4358, 9.2238, 8.0696



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.



18.2139, 21.2495, 11.7361



31.5869, 37.5993, 17.4203



15.3083, 19.7516, 11.6002



4.9816, 5.3931, 5.0078



14.8091, 19.4943, 2.9823



0.0554, 0.0697, 0.0105

Inverse Universe

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



11.6605, 10.3604, 22.8593



18.0473, 15.0928, 40.4152



14.2033, 11.6712, 22.9783



4.4869, 4.5716, 5.8467



4.2633, 1.7320, 21.2463



0.0181, 0.0077, 0.0738

Previews

White Background



This preview shows how the XYZ color 18.2134, 21.2485, 11.7357 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 18.2134, 21.2485, 11.7357 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 18.2134, 21.2485, 11.7357

Background



This preview shows how black text looks on a background with the XYZ color 18.2134, 21.2485, 11.7357.



This preview shows how white text looks on a background with the XYZ color 18.2134, 21.2485,

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

18.2134, 21.2485, 11.7357

Protanopia

19.6319, 21.2066, 11.2422

Deuteranopia

21.6287, 21.2826, 11.9848



Tritanopia

21.0669, 21.2418, 25.9114

Trichromacy



Original Color

18.2134, 21.2485, 11.7357

Protanomaly

18.9923, 21.0650, 11.4525

Deuteranomaly

20.1687, 21.0899, 11.8119

Tritanomaly

19.8535, 21.1302, 19.8618

Monochromacy



Original Color

18.2134, 21.2485, 11.7357

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.7160, 20.5896, 17.7396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2134, 21.2485, 11.7357 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(125, 131, 85)` looks like.

```
.text, #text, p{  
    color:rgb(125, 131, 85)  
}
```

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(125, 131, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 131, 85) }
```

Border

The CSS property to change the border of an element to XYZ 18.2134, 21.2485, 11.7357 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(125, 131, 85) }
```


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

```
.border{ border-color:rgb(125, 131, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 131, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 131, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 131, 85);  
box-shadow:4px 4px 4px 4px rgb(125, 131,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2134, 21.2485, 11.7357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 131, 85) }
```

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

```
.background{ background-color: rgb(125,  
131, 85) }
```

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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