

Converting Colors

XYZ(13.5348, 18.1200, 14.5699)

Have a look what the booklet for
XYZ(13.5348, 18.1200, 14.5699)
contains.

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Color

**XYZ(13.5386, 18.1782,
14.5996)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 538063 |
| RGB | 83, 128, 99 |
| RGB Percent | 33%, 50%, 39% |
| CMY | 0.6745, 0.4980, 0.6118 |
| CMYK | 0.35, 0.00, 0.23, 0.50 |
| HSL | 141°, 21%, 41% |
| HSV | 141°, 35%, 50% |
| XYZ | 13.5386, 18.1782, 14.5996 |
| YIQ | 111.2390, -17.5110, -18.5590 |

Conversions

Conversions Part 2

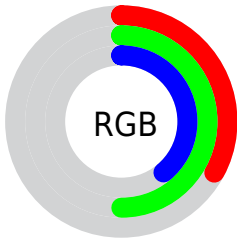
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 83, 116, 128 |
| Decimal | 5472355 |
| CIELab | 49.71, -22.11, 10.93 |
| CIElCh | 50, 24.668, 153.700 |
| Yxy | 18.1782, 0.2923, 0.3925 |
| Android (android.graphics.Color) | 4283662435 (0xFF538063) |
| YUV | 111.2390, -6.0338, -24.7656 |
| Hunter-Lab | 42.6359, -17.9320, 9.5427 |

Details

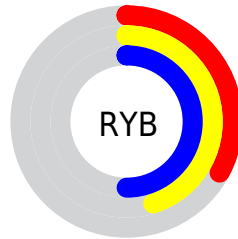
The XYZ color **13.5386, 18.1782, 14.5996** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.9206, 11.9460, 16.8494**, and the grayscale version is **15.1999, 15.9915, 17.4147**.

A 20% lighter version of the original color is **31.8604, 40.3181, 34.9571**, and **4.0374, 6.0540, 4.2046** is the 20% darker color. If you saturate the color by 10%, you get **12.1375, 17.4997, 12.5796**, and if you desaturate by 10%, it is **15.1896, 18.9819, 16.8424**.

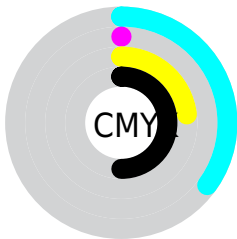
Distribution



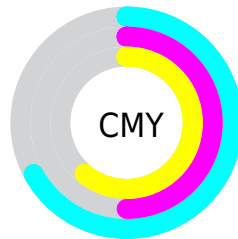
- Red (33%)
- Green (50%)
- Blue (39%)



- Red (33%)
- Yellow (45%)
- Blue (50%)



- Cyan (35%)
- Magenta (0%)
- Yellow (23%)
- Black (50%)



- Cyan (67%)
- Magenta (50%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5386, 18.1782, 14.5996 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 13.5386, 18.1782, 14.5996 by changing the saturation by 10% instead.

■ 13.5386, 18.1782,
14.5996

■ 13.5386, 18.1782,
14.5996

207.9098,
241.8736, 232.4864

■ 7.8800, 11.0780,
8.3954

■ 31.8612, 40.3407,
34.8815

■ 4.0694, 6.1193,
4.2576

■ 45.2560, 56.1719,
49.7963

■ 1.7415, 2.9178,
1.7677

■ 61.9601, 75.6821,
68.4517

■ 0.4820, 1.0890,
0.4065

■ 82.3391, 99.2558,
91.2662

■ 0.0000, 0.0000,
0.0000

■ 106.7582,
127.2774, 118.6584

135.5827,

160.1313, 151.0468

169.1782,
198.2019, 188.8500

■ 13.5386, 18.1782,
14.5996

■ 13.5386, 18.1782,
14.5996

■ 12.1375, 17.4997,
12.5796

■ 15.1896, 18.9819,
16.8424

■ 10.9720, 16.9376,
10.7744

■ 17.1006, 19.9144,
19.3134

■ 10.0288, 16.4857,
9.1770


■ 19.2833, 20.9820,
22.0192


■ 9.2925, 16.1363,
7.7798


■ 21.7480, 22.1899,
24.9659


■ 8.7456, 15.8805,
6.5747


■ 24.5045, 23.5430,
28.1593


 8.3622, 15.7051,
5.5527

 27.5620, 25.0462,
31.6051

 8.2031, 15.6324,
5.1195

 30.9295, 26.7037,
35.3086

 34.6156, 28.5200,
39.2752

 38.6283, 30.4990,
43.5099

Harmonies

Analogous

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



14.8922, 18.1782, 10.8678



13.5386, 18.1782, 14.5996



13.1532, 18.1782, 20.6391

Triad

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



13.5386, 18.1782, 14.5996



17.5708, 18.1782, 35.7007



21.3122, 18.1782, 13.4513

Complementary

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



13.5386, 18.1782, 14.5996



14.9206, 11.9460, 16.8494

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.



22.1855, 18.1782, 18.9703



13.5386, 18.1782, 14.5996



19.9056, 18.1782, 32.6148

Square

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



13.5386, 18.1782, 14.5996



15.3539, 18.1782, 33.7928



21.6490, 18.1782, 26.0915



19.3561, 18.1782, 10.3178

Rectangle

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



13.5386, 18.1782, 14.5996



13.4652, 18.1782, 25.4577



21.6490, 18.1782, 26.0915



21.7498, 18.1782, 15.0378

Sweetspot

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



13.5391, 18.1790, 14.6000



31.5492, 35.7657, 35.8125



15.9951, 19.5249, 11.1095



7.2887, 8.3259, 8.2626



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



13.5391, 18.1790, 14.6000



21.8731, 31.0534, 22.8937



14.7536, 18.6648, 20.9955



4.3343, 4.8420, 4.9316



8.1342, 15.5003, 5.0794



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.9206, 11.9460, 16.8494



24.6763, 18.3934, 27.4485



13.8307, 11.5100, 11.1102



4.4353, 4.3873, 5.0965



10.3564, 5.1623, 8.4667



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.5386, 18.1782, 14.5996 looks on a white 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

Black Background



This preview shows how the XYZ color 13.5386, 18.1782, 14.5996 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 13.5386, 18.1782, 14.5996

Background



This preview shows how black text looks on a background with the XYZ color 13.5386, 18.1782, 14.5996.



This preview shows how white text looks on a background with the XYZ color 13.5386, 18.1782,

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

13.5386, 18.1782, 14.5996

Protanopia

16.9563, 18.1250, 13.1945

Deuteranopia

18.2951, 17.9205, 15.0651



Tritanopia

15.5330, 18.0330, 24.8523

Trichromacy



Original Color

13.5386, 18.1782, 14.5996

Protanomaly

15.5013, 18.0786, 13.7388

Deuteranomaly

16.0299, 17.6095, 14.8660

Tritanomaly

14.7153, 18.0739, 20.8022

Monochromacy



Original Color

13.5386, 18.1782, 14.5996

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.3820, 16.5508, 16.3465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5386, 18.1782, 14.5996 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(83, 128, 99)` looks like.

```
.text, #text, p{  
    color:rgb(83, 128, 99)  
}
```

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(83, 128, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 128, 99) }
```

Border

The CSS property to change the border of an element to XYZ 13.5386, 18.1782, 14.5996 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(83, 128, 99) }
```


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

```
.border{ border-color:rgb(83, 128, 99) }
```

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

Here you see how a box with a 4 pixel rgb(83, 128, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 128, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 128, 99);  
box-shadow:4px 4px 4px 4px rgb(83, 128,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5386, 18.1782, 14.5996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 128, 99) }
```

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

```
.background{ background-color: rgb(83, 128,  
99) }
```

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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