

Converting Colors

XYZ(13.6061, 16.1541, 18.5223)

Have a look what the booklet for
XYZ(13.6061, 16.1541, 18.5223)
contains.

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Color

**XYZ(13.5756, 16.0842,
18.6087)**

Conversions

Conversions Part 1

Format	Color
Hex	597573
RGB	89, 117, 115
RGB Percent	35%, 46%, 45%
CMY	0.6510, 0.5412, 0.5490
CMYK	0.24, 0.00, 0.02, 0.54
HSL	176°, 14%, 40%
HSV	176°, 24%, 46%
XYZ	13.5756, 16.0842, 18.6087
YIQ	108.4000, -16.0460, -6.5580

Conversions

Conversions Part 2

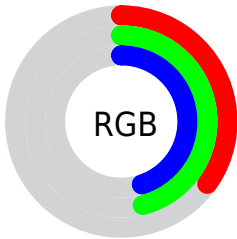
Format	Color
R_{YB}	89, 104, 117
Decimal	5862771
CIE _{Lab}	47.08, -10.55, -2.22
CIE _{LCh}	47, 10.786, 191.892
Yxy	16.0842, 0.2813, 0.3332
Android (android.graphics.Color)	4284052851 (0xFF597573)
YUV	108.4000, 3.2538, -17.0138
Hunter-Lab	40.1051, -9.7616, 0.5631

Details

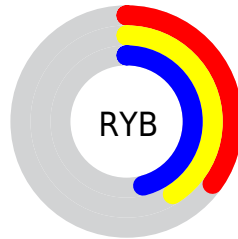
The XYZ color **13.5756, 16.0842, 18.6087** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.7974, 11.6824, 11.4786**, and the grayscale version is **14.3610, 15.1088, 16.4535**.

A 20% lighter version of the original color is **31.9782, 36.7414, 41.9656**, and **4.0961, 5.1537, 6.0891** is the 20% darker color. If you saturate the color by 10%, you get **12.4931, 15.5321, 18.3083**, and if you desaturate by 10%, it is **14.8379, 16.7298, 18.9205**.

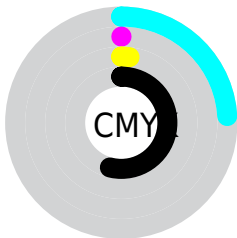
Distribution



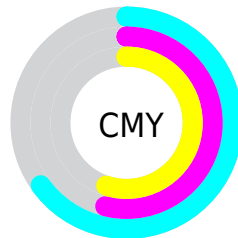
- Red (35%)
- Green (46%)
- Blue (45%)



- Red (35%)
- Yellow (41%)
- Blue (46%)



- Cyan (24%)
- Magenta (0%)
- Yellow (2%)
- Black (54%)



- Cyan (65%)
- Magenta (54%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5756, 16.0842, 18.6087 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 13.5756, 16.0842, 18.6087 by changing the saturation by 10% instead.

■ 13.5756, 16.0842,
18.6087

■ 13.5756, 16.0842,
18.6087

208.1383,
229.8381, 256.6303

■ 7.9058, 9.5838,
11.2139

■ 31.9267, 36.7443,
41.8997

■ 4.0860, 5.1239,
6.0949

■ 45.3387, 51.6728,
58.6330

■ 1.7509, 2.3201,
2.8332

■ 62.0621, 70.1794,
79.3162

■ 0.4878, 0.7843,
1.0101

■ 82.4623, 92.6485,
104.3680

■ 0.0000, 0.0000,
0.0000

■ 106.9047,
119.4645, 134.2067

135.7546,

151.0119, 169.2509

169.3773,
187.6749, 209.9193

■ 13.5756, 16.0842,
18.6087

■ 13.5756, 16.0842,
18.6087

■ 12.4931, 15.5321,
18.3083

■ 14.8379, 16.7298,
18.9205

■ 11.5807, 15.0672,
18.0177

■ 16.2866, 17.4710,
19.2430

■ 10.8297, 14.6855,
17.7370

■ 17.9294, 18.3122,
19.5768

■ 10.2301, 14.3818,
17.4657

■ 19.7734, 19.2571,
19.9224

■ 9.7710, 14.1504,
17.2031

■ 21.8252, 20.3090,
20.2800

■ 9.4398, 13.9850,
16.9488

■ 24.0912, 21.4713,
20.6499

■ 9.2186, 13.8762,
16.7019

■ 26.5773, 22.7471,
21.0325

■ 9.1025, 13.8195,
16.5540

■ 29.2895, 24.1393,
21.4279

■ 32.2333, 25.6509,
21.8365

Harmonies

Analogous

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



13.6228, 16.0842, 15.9431



13.5756, 16.0842, 18.6087



13.9729, 16.0842, 21.2273

Triad

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



13.5756, 16.0842, 18.6087



16.5347, 16.0842, 21.6847



15.8600, 16.0842, 13.0130

Complementary

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



13.5756, 16.0842, 18.6087



12.7974, 11.6824, 11.4786

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.



16.6821, 16.0842, 14.2593



13.5756, 16.0842, 18.6087



17.0827, 16.0842, 19.1827

Square

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



13.5756, 16.0842, 18.6087



15.6655, 16.0842, 23.1219



17.1377, 16.0842, 16.4611



14.9157, 16.0842, 12.8935

Rectangle

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



13.5756, 16.0842, 18.6087



14.4464, 16.0842, 22.5223



17.1377, 16.0842, 16.4611



16.1607, 16.0842, 13.3076

Sweetspot

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



13.5761, 16.0849, 18.6091



28.2831, 30.8336, 34.2673



12.5122, 15.6856, 11.8196



6.4790, 7.0770, 7.8734



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



13.5761, 16.0849, 18.6091



23.1437, 28.2067, 33.0064



12.4168, 13.5799, 18.7971



3.7726, 4.1510, 4.6362



10.0262, 15.2245, 18.2258



48.7253, 74.1374, 88.1136

Inverse Universe

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



12.7974, 11.6824, 11.4786



21.4797, 18.7962, 17.7673



13.7612, 13.7464, 11.3795



3.6936, 3.7047, 3.9133



8.1307, 4.1860, 0.6307



39.4966, 20.3487, 2.4124

Previews

White Background



This preview shows how the XYZ color 13.5756, 16.0842, 18.6087 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 13.5756, 16.0842, 18.6087 looks on a black 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

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

XYZ 13.5756, 16.0842, 18.6087

Background



This preview shows how black text looks on a background with the XYZ color 13.5756, 16.0842, 18.6087.



This preview shows how white text looks on a background with the XYZ color 13.5756, 16.0842,

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

13.5756, 16.0842, 18.6087

Protanopia

15.3637, 16.0273, 17.3227

Deuteranopia

16.3192, 16.0025, 19.0583



Tritanopia

14.2614, 16.1956, 21.7764

Trichromacy



Original Color

13.5756, 16.0842, 18.6087

Protanomaly

14.5387, 15.9232, 17.6364

Deuteranomaly

15.1435, 15.8810, 18.7902

Tritanomaly

13.9130, 16.0449, 20.4528

Monochromacy



Original Color

13.5756, 16.0842, 18.6087

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.9205, 15.2833, 17.2552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5756, 16.0842, 18.6087 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(89, 117, 115) looks like.

```
.text, #text, p{  
    color:rgb(89, 117, 115)  
}
```

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(89, 117, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 117, 115) }
```

Border

The CSS property to change the border of an element to XYZ 13.5756, 16.0842, 18.6087 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(89, 117, 115) }
```


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

```
.border{ border-color:rgb(89, 117, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 117, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 117, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 117, 115);  
box-shadow:4px 4px 4px 4px rgb(89, 117,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5756, 16.0842, 18.6087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 117, 115) }
```

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

```
.background{ background-color: rgb(89, 117,  
115) }
```

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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