

Converting Colors

XYZ(13.5810, 16.3798, 13.2723)

Have a look what the booklet for
XYZ(13.5810, 16.3798, 13.2723)
contains.

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Color

**XYZ(13.5810, 16.3798,
13.2723)**

Conversions

Conversions Part 1

Format	Color
Hex	62765F
RGB	98, 118, 95
RGB Percent	38%, 46%, 37%
CMY	0.6157, 0.5372, 0.6274
CMYK	0.17, 0.00, 0.19, 0.54
HSL	112°, 11%, 42%
HSV	112°, 19%, 46%
XYZ	13.5810, 16.3798, 13.2723
YIQ	109.3980, -4.5370, -11.3930

Conversions

Conversions Part 2

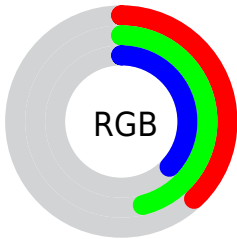
Format	Color
R_{YB}	95, 118, 115
Decimal	6452831
CIE _{Lab}	47.47, -12.18, 10.26
CIE _{LCh}	47, 15.925, 139.869
Yxy	16.3798, 0.3141, 0.3789
Android (android.graphics.Color)	4284642911 (0xFF62765F)
YUV	109.3980, -7.0982, -9.9960
Hunter-Lab	40.4720, -10.9275, 8.8869

Details

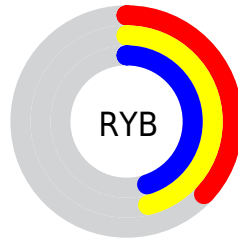
The XYZ color **13.5810, 16.3798, 13.2723** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4332, 13.1378, 18.9156**, and the grayscale version is **14.6698, 15.4338, 16.8074**.

A 20% lighter version of the original color is **31.8800, 37.1833, 32.2849**, and **4.1098, 5.3059, 3.7133** is the 20% darker color. If you saturate the color by 10%, you get **12.0477, 15.6472, 10.6095**, and if you desaturate by 10%, it is **15.3384, 17.2195, 16.3705**.

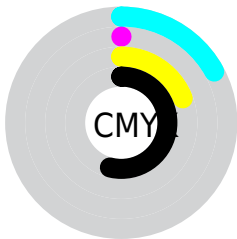
Distribution



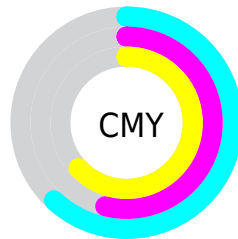
- Red (38%)
- Green (46%)
- Blue (37%)



- Red (37%)
- Yellow (46%)
- Blue (45%)



- Cyan (17%)
- Magenta (0%)
- Yellow (19%)
- Black (54%)



- Cyan (62%)
- Magenta (54%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5810, 16.3798, 13.2723 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 13.5810, 16.3798, 13.2723 by changing the saturation by 10% instead.

■ 13.5810, 16.3798,
13.2723

■ 13.5810, 16.3798,
13.2723

208.1716,
231.5725, 223.9243

■ 7.9096, 9.7933,
7.4834

■ 31.9362, 37.2563,
32.4905

■ 4.0885, 5.2621,
3.6832

■ 45.3507, 52.3151,
46.7568

■ 1.7523, 2.4019,
1.4532

■ 62.0770, 70.9668,
64.6860

■ 0.4887, 0.8269,
0.1827

■ 82.4803, 93.5958,
86.6966

■ 0.0000, 0.0000,
0.0000

106.9261,
120.5865, 113.2072

135.7796,

152.3232, 144.6364

169.4064,
189.1904, 181.4025

■ 13.5810, 16.3798,
13.2723

■ 13.5810, 16.3798,
13.2723

■ 12.0477, 15.6472,
10.6095

■ 15.3384, 17.2195,
16.3705

■ 10.7282, 15.0154,
8.3617

■ 17.3272, 18.1682,
19.9212

■ 9.6134, 14.4805,
6.5081

■ 19.5557, 19.2304,
23.9420

■ 8.6929, 14.0378,
5.0261

■ 22.0317, 20.4096,
28.4491

■ 7.9554, 13.6820,
3.8906

■ 24.7625, 21.7093,
33.4582

■ 7.3884, 13.4072,
3.0735

■ 27.7550, 23.1328,
38.9839

■ 6.9780, 13.2069,
2.5422

■ 31.0160, 24.6833,
45.0405

■ 6.6942, 13.0682,
2.1868

■ 34.5520, 26.3637,
51.6416

■ 6.6822, 13.0624,
2.1691

■ 38.3693, 28.1771,
58.8005

Harmonies

Analogous

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



14.6627, 16.3798, 11.4686



13.5810, 16.3798, 13.2723



13.0426, 16.3798, 16.5000

Triad

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



13.5810, 16.3798, 13.2723



15.0952, 16.3798, 26.6501



18.2679, 16.3798, 15.3173

Complementary

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



13.5810, 16.3798, 13.2723



14.4332, 13.1378, 18.9156

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.



18.4011, 16.3798, 19.2398



13.5810, 16.3798, 13.2723



16.5109, 16.3798, 26.2054

Square

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



13.5810, 16.3798, 13.2723



13.8811, 16.3798, 24.4748



17.7410, 16.3798, 23.3388



17.3874, 16.3798, 12.5195

Rectangle

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



13.5810, 16.3798, 13.2723



13.0407, 16.3798, 19.2029



17.7410, 16.3798, 23.3388



18.4035, 16.3798, 16.5333

Sweetspot

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



13.5814, 16.3805, 13.2727



28.0916, 30.8119, 30.7802



15.6607, 16.9249, 13.2681



6.4218, 7.0665, 7.0112



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.



13.5814, 16.3805, 13.2727



22.7326, 28.2527, 21.3356



13.6683, 16.3785, 15.3877



3.6810, 4.1190, 3.9433



7.2218, 14.1273, 2.3462



34.7686, 68.6256, 11.4136

Inverse Universe

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



14.4332, 13.1378, 18.9156



24.4931, 21.5464, 33.0049



14.3550, 13.1528, 16.4112



3.7819, 3.7349, 4.6118



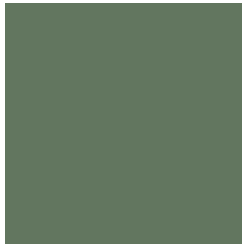
9.5339, 4.5062, 18.9099



45.9483, 21.6957, 92.1262

Previews

White Background



This preview shows how the XYZ color 13.5810, 16.3798, 13.2723 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 13.5810, 16.3798, 13.2723 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 13.5810, 16.3798, 13.2723

Background



This preview shows how black text looks on a background with the XYZ color 13.5810, 16.3798, 13.2723.



This preview shows how white text looks on a background with the XYZ color 13.5810, 16.3798,

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

13.5810, 16.3798, 13.2723

Protanopia

15.3337, 16.2830, 12.4600

Deuteranopia

16.5735, 16.2553, 13.5733



Tritanopia

15.1860, 16.3483, 21.0940

Trichromacy



Original Color

13.5810, 16.3798, 13.2723

Protanomaly

14.5486, 16.2044, 12.7169

Deuteranomaly

15.3767, 16.2844, 13.3991

Tritanomaly

14.4782, 16.2204, 17.9906

Monochromacy



Original Color

13.5810, 16.3798, 13.2723

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.1186, 15.5911, 15.3620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5810, 16.3798, 13.2723 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(98, 118, 95) looks like.

```
.text, #text, p{  
    color:rgb(98, 118, 95)  
}
```

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(98, 118, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 118, 95) }
```

Border

The CSS property to change the border of an element to XYZ 13.5810, 16.3798, 13.2723 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(98, 118, 95) }
```


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

```
.border{ border-color:rgb(98, 118, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 118, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 118, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 118, 95);  
box-shadow:4px 4px 4px 4px rgb(98, 118,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5810, 16.3798, 13.2723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 118, 95) }
```

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

```
.background{ background-color: rgb(98, 118,  
95) }
```

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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