

Converting Colors

XYZ(15.3891, 17.5940, 9.5855)

Have a look what the booklet for
XYZ(15.3891, 17.5940, 9.5855)
contains.

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Color

**XYZ(15.4076, 17.5810,
9.6026)**

Conversions

Conversions Part 1

Format	Color
Hex	76774D
RGB	118, 119, 77
RGB Percent	46%, 47%, 30%
CMY	0.5373, 0.5333, 0.6980
CMYK	0.01, 0.00, 0.35, 0.53
HSL	61°, 21%, 38%
HSV	61°, 35%, 47%
XYZ	15.4076, 17.5810, 9.6026
YIQ	113.9130, 12.8860, -13.2740

Conversions

Conversions Part 2

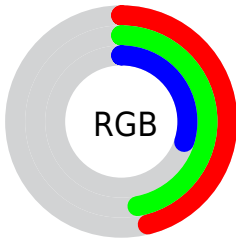
Format	Color
RYB	77, 119, 78
Decimal	7763789
CIELab	48.98, -7.48, 23.02
CIELCh	49, 24.201, 107.994
Yxy	17.5810, 0.3618, 0.4128
Android (android.graphics.Color)	4285953869 (0xFF76774D)
YUV	113.9130, -18.1981, 3.5843
Hunter-Lab	41.9297, -7.7849, 15.7724

Details

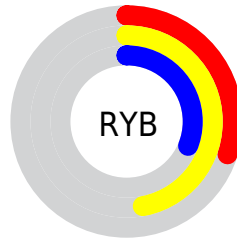
The XYZ color **15.4076, 17.5810, 9.6026** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.1262, 8.2598, 18.5670**, and the grayscale version is **16.0186, 16.8528, 18.3527**.

A 20% lighter version of the original color is **35.1234, 39.2901, 25.4712**, and **4.9682, 5.8760, 2.2388** is the 20% darker color. If you saturate the color by 10%, you get **14.9870, 17.4089, 7.5868**, and if you desaturate by 10%, it is **15.9061, 17.7855, 12.0242**.

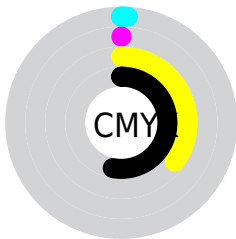
Distribution



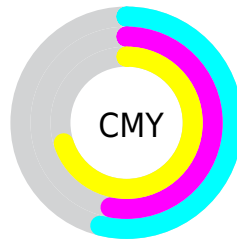
- Red (46%)
- Green (47%)
- Blue (30%)



- Red (30%)
- Yellow (47%)
- Blue (31%)



- Cyan (1%)
- Magenta (0%)
- Yellow (35%)
- Black (53%)



- Cyan (54%)
- Magenta (53%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4076, 17.5810, 9.6026 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 15.4076, 17.5810, 9.6026 by changing the saturation by 10% instead.

■ 15.4076, 17.5810,
9.6026

■ 15.4076, 17.5810,
9.6026

219.1600,
238.4986, 198.1924

■ 9.1941, 10.6496,
5.0341

■ 35.1325, 39.3221,
25.6413

■ 4.9261, 5.8317,
2.2082

■ 49.3746, 54.9005,
37.9487

■ 2.2383, 2.7430,
0.6791

■ 67.0236, 74.1300,
53.6727

■ 0.7628, 0.9991,
0.0000

■ 88.4449, 97.3951,
73.2320

■ 0.0000, 0.0000,
0.0000

■ 114.0039,
125.0801, 97.0451

144.0658,

157.5695, 125.5305

178.9961,
195.2475, 159.1067

■ 15.4076, 17.5810,
9.6026

■ 15.4076, 17.5810,
9.6026

■ 14.9870, 17.4089,
7.5868

■ 15.9061, 17.7855,
12.0242

■ 14.6387, 17.2652,
5.9534

■ 16.4851, 18.0216,
14.8708

■ 14.3587, 17.1487,
4.6787

■ 17.1486, 18.2915,
18.1618

■ 14.1418, 17.0576,
3.7356

■ 17.9001, 18.5965,
21.9153

■ 13.9821, 16.9893,
3.0934

■ 18.7426, 18.9381,
26.1480

■ 13.8697, 16.9399,
2.6995

■ 19.6794, 19.3173,
30.8760

■ 13.8212, 16.9185,
2.5371

■ 20.7132, 19.7354,
36.1147

■ 21.8469, 20.1934,
41.8787

■ 23.0831, 20.6925,
48.1821

Harmonies

Analogous

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



17.6275, 17.5810, 9.3924



15.4076, 17.5810, 9.6026



13.6939, 17.5810, 11.9836

Triad

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



15.4076, 17.5810, 9.6026



13.9760, 17.5810, 29.9188



21.3149, 17.5810, 21.8408

Complementary

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



15.4076, 17.5810, 9.6026



9.1262, 8.2598, 18.5670

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.



20.1398, 17.5810, 28.7018



15.4076, 17.5810, 9.6026



15.8253, 17.5810, 34.0199

Square

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



15.4076, 17.5810, 9.6026



12.9200, 17.5810, 23.2361



18.0843, 17.5810, 33.5303



21.1775, 17.5810, 15.5608

Rectangle

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



15.4076, 17.5810, 9.6026



13.0076, 17.5810, 14.8607



18.0843, 17.5810, 33.5303



21.0562, 17.5810, 24.1771

Sweetspot

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



15.4080, 17.5818, 9.6030



29.9772, 32.4565, 28.8967



11.6510, 9.8644, 8.3114



7.0750, 7.6799, 6.7029



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.4080, 17.5818, 9.6030



26.9924, 31.2372, 14.3285



12.8988, 16.2882, 9.4855



3.9584, 4.2620, 3.9563



14.6822, 17.9733, 2.6954



71.4396, 87.5302, 13.1298

Inverse Universe

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



9.1262, 8.2598, 18.5670



14.0289, 11.9984, 32.8296



11.0971, 9.2758, 18.6593



3.5080, 3.5936, 4.5990



3.5743, 1.4339, 18.6310



17.3143, 6.9344, 90.7862

Previews

White Background



This preview shows how the XYZ color 15.4076, 17.5810, 9.6026 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 15.4076, 17.5810, 9.6026 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

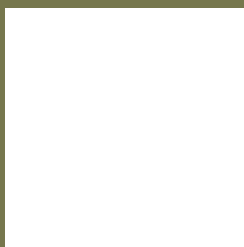
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4076, 17.5810, 9.6026

Background



This preview shows how black text looks on a background with the XYZ color 15.4076, 17.5810, 9.6026.



This preview shows how white text looks on a background with the XYZ color 15.4076, 17.5810,

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

15.4076, 17.5810, 9.6026

Protanopia

16.1541, 17.4482, 9.3539

Deuteranopia

17.7432, 17.4224, 9.8248



Tritanopia

17.5864, 17.4263, 20.8491

Trichromacy



Original Color

15.4076, 17.5810, 9.6026

Protanomaly

15.8342, 17.4553, 9.3721

Deuteranomaly

16.7525, 17.4100, 9.6852

Tritanomaly

16.6174, 17.3670, 16.1120

Monochromacy



Original Color

15.4076, 17.5810, 9.6026

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.6646, 17.0752, 14.7822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4076, 17.5810, 9.6026 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(118, 119, 77)` looks like.

```
.text, #text, p{  
    color:rgb(118, 119, 77)  
}
```

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(118, 119, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 119, 77) }
```

Border

The CSS property to change the border of an element to XYZ 15.4076, 17.5810, 9.6026 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(118, 119, 77) }
```


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

```
.border{ border-color:rgb(118, 119, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 119, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 119, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 119, 77);  
box-shadow:4px 4px 4px 4px rgb(118, 119,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4076, 17.5810, 9.6026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 119, 77) }
```

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

```
.background{ background-color: rgb(118,  
119, 77) }
```

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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