

Converting Colors

XYZ(14.7754, 18.1852, 8.6926)

Have a look what the booklet for
XYZ(14.7754, 18.1852, 8.6926)
contains.

XYZ(14.7754, 18.1852, 8.6926)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.7754, 18.1852,
8.6926)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7C47
RGB	110, 124, 71
RGB Percent	43%, 49%, 28%
CMY	0.5686, 0.5137, 0.7216
CMYK	0.11, 0.00, 0.43, 0.51
HSL	76°, 27%, 38%
HSV	76°, 43%, 49%
XYZ	14.7754, 18.1852, 8.6926
YIQ	113.7720, 8.6690, -19.4510

Conversions

Conversions Part 2

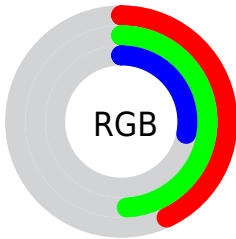
Format	Color
RYB	71, 124, 85
Decimal	7240775
CIELab	49.72, -14.43, 27.19
CIELCh	50, 30.784, 117.953
Yxy	18.1852, 0.3547, 0.4366
Android (android.graphics.Color)	4285430855 (0xFF6E7C47)
YUV	113.7720, -21.0866, -3.3080
Hunter-Lab	42.6441, -12.7802, 17.7652

Details

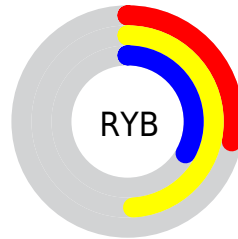
The XYZ color **14.7754, 18.1852, 8.6926** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.6383, 7.8935, 20.0854**, and the grayscale version is **15.9856, 16.8181, 18.3149**.

A 20% lighter version of the original color is **34.0126, 40.4817, 23.7904**, and **4.6160, 6.0944, 1.8528** is the 20% darker color. If you saturate the color by 10%, you get **14.0174, 17.8364, 6.7876**, and if you desaturate by 10%, it is **15.6306, 18.5759, 11.0269**.

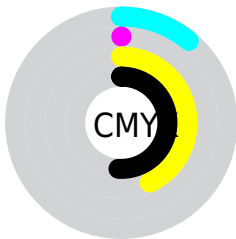
Distribution



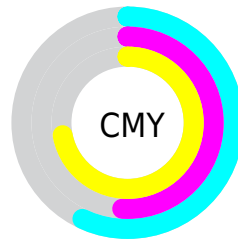
- Red (43%)
- Green (49%)
- Blue (28%)



- Red (28%)
- Yellow (49%)
- Blue (33%)



- Cyan (11%)
- Magenta (0%)
- Yellow (43%)
- Black (51%)



- Cyan (57%)
- Magenta (51%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7754, 18.1852, 8.6926 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 14.7754, 18.1852, 8.6926 by changing the saturation by 10% instead.

■ 14.7754, 18.1852,
8.6926

■ 14.7754, 18.1852,
8.6926

215.4182,
241.9129, 191.2007

■ 8.7472, 11.0830,
4.4472

■ 34.0336, 40.3526,
23.8736

■ 4.6324, 6.1227,
1.8737

■ 47.9943, 56.1867,
35.6463

■ 2.0658, 2.9198,
0.4759

■ 65.3298, 75.7002,
50.7652

■ 0.6705, 1.0900,
0.0000

■ 86.4056, 99.2775,
69.6487

■ 0.0000, 0.0000,
0.0000

■ 111.5870,
127.3031, 92.7155

141.2393,

160.1612, 120.3841

175.7279,
198.2363, 153.0730

■ 14.7754, 18.1852,
8.6926

■ 14.7754, 18.1852,
8.6926

■ 14.0174, 17.8364,
6.7876

■ 15.6306, 18.5759,
11.0269

■ 13.3502, 17.5250,
5.2846

■ 16.5864, 19.0079,
13.8133

■ 12.7685, 17.2495,
4.1549

■ 17.6476, 19.4839,
17.0746

■ 12.2658, 17.0074,
3.3654

■ 18.8183, 20.0055,
20.8313

■ 11.8345, 16.7954,
2.8765

■ 20.1023, 20.5742,
25.1031

■ 11.5463, 16.6525,
2.6057

■ 21.5034, 21.1916,
29.9085

■ 23.0250, 21.8590,
35.2649

■ 24.6704, 22.5778,
41.1891

■ 26.4428, 23.3493,
47.6973

Harmonies

Analogous

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



17.4866, 18.1852, 7.6553



14.7754, 18.1852, 8.6926



12.9347, 18.1852, 12.4125

Triad

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



14.7754, 18.1852, 8.6926



14.4636, 18.1852, 36.8711



23.5496, 18.1852, 20.3827

Complementary

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



14.7754, 18.1852, 8.6926



9.6383, 7.8935, 20.0854

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.



22.5142, 18.1852, 29.6575



14.7754, 18.1852, 8.6926



17.0840, 18.1852, 40.7035

Square

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



14.7754, 18.1852, 8.6926



12.7694, 18.1852, 28.3694



20.0627, 18.1852, 37.7506



22.7551, 18.1852, 13.1584

Rectangle

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



14.7754, 18.1852, 8.6926



12.3386, 18.1852, 16.6197



20.0627, 18.1852, 37.7506



23.4018, 18.1852, 23.3635

Sweetspot

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



14.7758, 18.1860, 8.6930



30.9431, 34.2358, 29.6977



12.6399, 11.1201, 7.4417



7.2015, 8.0245, 6.7256



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.7758, 18.1860, 8.6930



24.7330, 31.4173, 12.1041



12.0242, 16.7675, 8.5642



4.2093, 4.5832, 4.2873



11.7348, 16.9267, 2.6487



55.1419, 80.3121, 12.5955

Inverse Universe

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



9.6383, 7.8935, 20.0854



14.4738, 10.8425, 34.8866



12.4161, 9.3255, 20.2154



3.8878, 3.9400, 4.9988



4.3260, 1.8029, 19.5053



19.9360, 8.2394, 93.0094

Previews

White Background



This preview shows how the XYZ color 14.7754, 18.1852, 8.6926 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 14.7754, 18.1852, 8.6926 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 14.7754, 18.1852, 8.6926

Background



This preview shows how black text looks on a background with the XYZ color 14.7754, 18.1852, 8.6926.



This preview shows how white text looks on a background with the XYZ color 14.7754, 18.1852,

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

14.7754, 18.1852, 8.6926

Protanopia

16.6059, 18.0537, 8.2397

Deuteranopia

18.4689, 18.1443, 9.0074



Tritanopia

17.5282, 18.0368, 22.6363

Trichromacy



Original Color

14.7754, 18.1852, 8.6926

Protanomaly

15.8480, 18.0127, 8.4359

Deuteranomaly

16.9240, 18.0289, 8.8913

Tritanomaly

16.3097, 18.0719, 16.5385

Monochromacy



Original Color

14.7754, 18.1852, 8.6926

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.4931, 17.3494, 14.0875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7754, 18.1852, 8.6926 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(110, 124, 71)` looks like.

```
.text, #text, p{  
    color:rgb(110, 124, 71)  
}
```

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(110, 124, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 124, 71) }
```

Border

The CSS property to change the border of an element to XYZ 14.7754, 18.1852, 8.6926 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(110, 124, 71) }
```


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

```
.border{ border-color:rgb(110, 124, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 124, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 124, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 124, 71);  
box-shadow:4px 4px 4px 4px rgb(110, 124,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7754, 18.1852, 8.6926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 124, 71) }
```

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

```
.background{ background-color: rgb(110,  
124, 71) }
```

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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