

Converting Colors

XYZ(10.8016, 14.7186, 8.2133)

Have a look what the booklet for
XYZ(10.8016, 14.7186, 8.2133)
contains.

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Color

**XYZ(10.7761, 14.6950,
8.2297)**

Conversions

Conversions Part 1

Format	Color
Hex	517447
RGB	81, 116, 71
RGB Percent	32%, 45%, 28%
CMY	0.6823, 0.5451, 0.7216
CMYK	0.30, 0.00, 0.39, 0.55
HSL	107°, 24%, 37%
HSV	107°, 39%, 45%
XYZ	10.7761, 14.6950, 8.2297
YIQ	100.4050, -6.4150, -21.4150

Conversions

Conversions Part 2

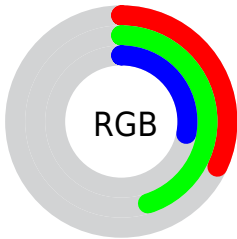
Format	Color
RYB	71, 116, 106
Decimal	5338183
CIELab	45.21, -21.85, 20.98
CIElCh	45, 30.294, 136.170
Yxy	14.6950, 0.3198, 0.4360
Android (android.graphics.Color)	4283528263 (0xFF517447)
YUV	100.4050, -14.4967, -17.0182
Hunter-Lab	38.3341, -16.9064, 14.1052

Details

The XYZ color **10.7761, 14.6950, 8.2297** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **11.3500, 8.8320, 17.6302**, and the grayscale version is **12.2541, 12.8923, 14.0397**.

A 20% lighter version of the original color is **26.9085, 34.2669, 22.9652**, and **2.9133, 4.5489, 1.7018** is the 20% darker color. If you saturate the color by 10%, you get **9.7164, 14.1881, 6.4189**, and if you desaturate by 10%, it is **12.0104, 15.2845, 10.4204**.

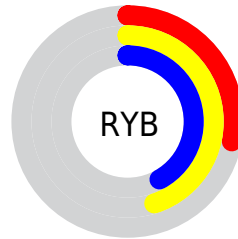
Distribution



Red (32%)

Green (45%)

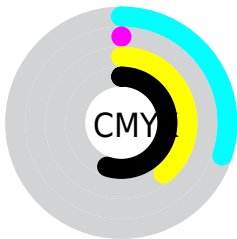
Blue (28%)



Red (28%)

Yellow (45%)

Blue (42%)

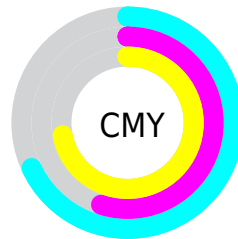


Cyan (30%)

Magenta (0%)

Yellow (39%)

Black (55%)



Cyan (68%)

Magenta (55%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7761, 14.6950, 8.2297 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 10.7761, 14.6950, 8.2297 by changing the saturation by 10% instead.

■ 10.7761, 14.6950,
8.2297

■ 10.7761, 14.6950,
8.2297

190.0651,
221.5126, 187.5241

■ 5.9827, 8.6056,
4.1524

■ 26.8820, 34.3172,
22.9611

■ 2.8751, 4.4848,
1.7093

■ 38.9252, 48.6189,
34.4523

■ 1.0881, 1.9483,
0.3671

■ 54.1157, 66.4267,
49.2518

■ 0.0151, 0.5772,
0.0000

■ 72.8189, 88.1251,
67.7783

■ 0.0000, 0.0000,
0.0000

■ 95.4000, 114.0985,
90.4502

122.2246,

144.7313, 117.6861

153.6578,
180.4079, 149.9046

■ 10.7761, 14.6950,
8.2297

■ 10.7761, 14.6950,
8.2297

■ 9.7164, 14.1881,
6.4189

■ 12.0104, 15.2845,
10.4204

■ 8.8222, 13.7584,
4.9655

■ 13.4257, 15.9583,
13.0099

■ 8.0849, 13.4023,
3.8460

■ 15.0296, 16.7202,
16.0169

■ 7.4951, 13.1156,
3.0338

■ 16.8286, 17.5734,
19.4589

■ 7.0420, 12.8934,
2.4983

■ 18.8292, 18.5206,
23.3522

■ 6.7018, 12.7256,
2.1433

■ 21.0374, 19.5648,
27.7122

■ 6.6660, 12.7080,
2.1016

■ 23.4591, 20.7085,
32.5537

■ 26.0998, 21.9544,
37.8908

■ 28.9648, 23.3050,
43.7371

Harmonies

Analogous

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



12.6698, 14.6950, 6.0802



10.7761, 14.6950, 8.2297



9.7972, 14.6950, 12.9276

Triad

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



10.7761, 14.6950, 8.2297



12.8484, 14.6950, 33.4543



19.1160, 14.6950, 12.4619

Complementary

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



10.7761, 14.6950, 8.2297



11.3500, 8.8320, 17.6302

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.



19.1788, 14.6950, 19.5251



10.7761, 14.6950, 8.2297



15.3502, 14.6950, 33.2168

Square

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



10.7761, 14.6950, 8.2297



10.8934, 14.6950, 28.1400



17.7331, 14.6950, 27.5644



17.5708, 14.6950, 7.9770

Rectangle

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



10.7761, 14.6950, 8.2297



9.7093, 14.6950, 17.5273



17.7331, 14.6950, 27.5644



19.3170, 14.6950, 14.5648

Sweetspot

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



10.7765, 14.6956, 8.2300



25.3900, 28.9019, 26.2126



13.4430, 14.3738, 8.0274



5.9920, 6.8640, 6.1309



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.



10.7765, 14.6956, 8.2300



17.1830, 24.9891, 11.4566



10.4057, 14.4555, 10.4257



3.7098, 4.1339, 3.9447



7.4660, 14.2532, 2.3577



35.7594, 69.1364, 11.4600

Inverse Universe

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



11.3500, 8.8320, 17.6302



18.3402, 13.0447, 30.5958



11.9549, 9.2193, 14.2466



3.7509, 3.7189, 4.6104



8.2779, 3.8587, 18.8511



39.5823, 18.4139, 91.8283

Previews

White Background



This preview shows how the XYZ color 10.7761, 14.6950, 8.2297 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 10.7761, 14.6950, 8.2297 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 10.7761, 14.6950, 8.2297

Background



This preview shows how black text looks on a background with the XYZ color 10.7761, 14.6950, 8.2297.



This preview shows how white text looks on a background with the XYZ color 10.7761, 14.6950,

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

10.7761, 14.6950, 8.2297

Protanopia

13.4733, 14.6336, 7.4246

Deuteranopia

14.7398, 14.5092, 8.5022



Tritanopia

13.0255, 14.6076, 19.5858

Trichromacy



Original Color

10.7761, 14.6950, 8.2297

Protanomaly

12.2128, 14.4528, 7.6148

Deuteranomaly

12.8907, 14.3114, 8.3863

Tritanomaly

12.0302, 14.5261, 14.7401

Monochromacy



Original Color

10.7761, 14.6950, 8.2297

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.4714, 13.3565, 11.4246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7761, 14.6950, 8.2297 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(81, 116, 71)` looks like.

```
.text, #text, p{  
    color:rgb(81, 116, 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(81, 116, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 116, 71) }
```

Border

The CSS property to change the border of an element to XYZ 10.7761, 14.6950, 8.2297 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(81, 116, 71) }
```


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

```
.border{ border-color:rgb(81, 116, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 116, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 116, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 116, 71);  
box-shadow:4px 4px 4px 4px rgb(81, 116,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7761, 14.6950, 8.2297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 116, 71) }
```

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

```
.background{ background-color: rgb(81, 116,  
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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