

Converting Colors

XYZ(15.5750, 15.4356, 13.1060)

Have a look what the booklet for
XYZ(15.5750, 15.4356, 13.1060)
contains.

XYZ(15.5775, 15.4377, 13.2251)	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(15.5775, 15.4377,
13.2251)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6A60
RGB	124, 106, 96
RGB Percent	49%, 42%, 38%
CMY	0.5137, 0.5843, 0.6235
CMYK	0.00, 0.15, 0.23, 0.51
HSL	21°, 13%, 43%
HSV	21°, 23%, 49%
XYZ	15.5775, 15.4377, 13.2251
YIQ	110.2420, 13.9380, 0.7060

Conversions

Conversions Part 2

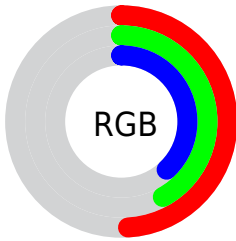
Format	Color
RYB	124, 112, 96
Decimal	8153696
CIELab	46.23, 5.40, 8.24
CIELCh	46, 9.854, 56.761
Yxy	15.4377, 0.3521, 0.3490
Android (android.graphics.Color)	4286343776 (0xFF7C6A60)
YUV	110.2420, -7.0213, 12.0658
Hunter-Lab	39.2908, 2.0103, 7.5469

Details

The XYZ color **15.5775, 15.4377, 13.2251** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4791, 15.9761, 21.3893**, and the grayscale version is **14.9076, 15.6840, 17.0798**.

A 20% lighter version of the original color is **35.3767, 35.5364, 32.1888**, and **5.0413, 4.8541, 3.6888** is the 20% darker color. If you saturate the color by 10%, you get **14.2676, 13.6605, 10.1906**, and if you desaturate by 10%, it is **17.0547, 17.4050, 16.7601**.

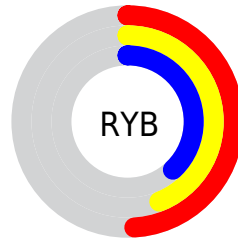
Distribution



Red (49%)

Green (42%)

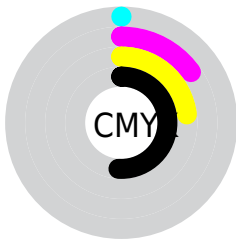
Blue (38%)



Red (49%)

Yellow (44%)

Blue (38%)

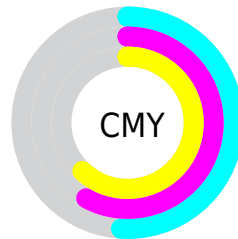


Cyan (0%)

Magenta (15%)

Yellow (23%)

Black (51%)



Cyan (51%)

Magenta (58%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5775, 15.4377, 13.2251 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 15.5775, 15.4377, 13.2251 by changing the saturation by 10% instead.

■ 15.5775, 15.4377,
13.2251

■ 15.5775, 15.4377,
13.2251

220.1553,
226.0004, 223.6136

■ 9.3146, 9.1271,
7.4512

■ 35.4266, 35.6192,
32.4047

■ 5.0057, 4.8242,
3.6631

■ 49.7434, 50.2590,
46.6475

■ 2.2854, 2.1445,
1.4424

■ 67.4757, 68.4439,
64.5502

■ 0.7872, 0.6895,
0.1745

■ 88.9887, 90.5585,
86.5316

■ 0.0000, 0.0000,
0.0000

114.6478,
116.9870, 113.0101

144.8184,

148.1139, 144.4042

179.8658,
184.3236, 181.1325

■ 15.5775, 15.4377,
13.2251

■ 15.5775, 15.4377,
13.2251

■ 14.2676, 13.6605,
10.1906

■ 17.0547, 17.4050,
16.7601

■ 13.1174, 12.0656,
7.6326

■ 18.7038, 19.5659,
20.8160

■ 12.1207, 10.6474,
5.5270

■ 20.5309, 21.9264,
25.4133

■ 11.2702, 9.3995,
3.8467

■ 22.5413, 24.4917,
30.5710

■ 10.5581, 8.3149,
2.5619

■ 24.7402, 27.2666,
36.3072

■ 9.9754, 7.3860,
1.6389

■ 27.1325, 30.2558,
42.6393

■ 9.5123, 6.6047,
1.0377

■ 29.7228, 33.4640,
49.5838

■ 9.2240, 6.1088,
0.6929

■ 32.5158, 36.8956,
57.1567

■ 35.5159, 40.5548,
65.3733

Harmonies

Analogous

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



16.1650, 15.4377, 14.8086



15.5775, 15.4377, 13.2251



14.7646, 15.4377, 12.5958

Triad

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



15.5775, 15.4377, 13.2251



13.1169, 15.4377, 16.5487



15.4134, 15.4377, 21.2930

Complementary

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



15.5775, 15.4377, 13.2251



14.4791, 15.9761, 21.3893

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.



14.5819, 15.4377, 21.8703



15.5775, 15.4377, 13.2251



13.2759, 15.4377, 18.9820

Square

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



15.5775, 15.4377, 13.2251



13.3616, 15.4377, 14.3959



13.8043, 15.4377, 20.9882



16.0677, 15.4377, 19.4777

Rectangle

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



15.5775, 15.4377, 13.2251



14.2116, 15.4377, 12.7527



13.8043, 15.4377, 20.9882



15.1444, 15.4377, 21.6454

Sweetspot

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



15.5779, 15.4384, 13.2254



31.5451, 32.6445, 33.2418



15.5438, 13.8705, 17.8374



7.3997, 7.6494, 7.7560



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.



15.5779, 15.4384, 13.2254



26.2107, 25.5438, 20.4634



17.1160, 18.5145, 13.7381



4.1046, 4.2277, 4.2242



9.3748, 6.2055, 0.7037



43.9800, 28.1234, 3.1104

Inverse Universe

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



14.4791, 15.9761, 21.3893



23.9242, 26.6598, 37.4415



13.0385, 13.0950, 20.9091



3.9923, 4.2829, 5.0594



6.5900, 7.2625, 20.4398



30.6089, 32.9904, 97.2243

Previews

White Background



This preview shows how the XYZ color 15.5775, 15.4377, 13.2251 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 15.5775, 15.4377, 13.2251 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 15.5775, 15.4377, 13.2251

Background



This preview shows how black text looks on a background with the XYZ color 15.5775, 15.4377, 13.2251.

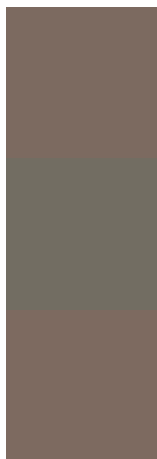


This preview shows how white text looks on a background with the XYZ color 15.5775, 15.4377,

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

15.5775, 15.4377, 13.2251

Protanopia

14.6127, 15.3965, 13.7569

Deuteranopia

15.7228, 15.5126, 13.2319



Tritanopia

16.4791, 15.5061, 17.4537

Trichromacy



Original Color

15.5775, 15.4377, 13.2251

Protanomaly

14.9914, 15.4397, 13.4993

Deuteranomaly

15.7228, 15.5126, 13.2319

Tritanomaly

16.1105, 15.5037, 15.7791

Monochromacy



Original Color

15.5775, 15.4377, 13.2251

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.0887, 15.6020, 15.5808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5775, 15.4377, 13.2251 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(124, 106, 96)` looks like.

```
.text, #text, p{  
    color:rgb(124, 106, 96)  
}
```

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(124, 106, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 106, 96) }
```

Border

The CSS property to change the border of an element to XYZ 15.5775, 15.4377, 13.2251 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(124, 106, 96) }
```


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

```
.border{ border-color:rgb(124, 106, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 106, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 106, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 106, 96);  
box-shadow:4px 4px 4px 4px rgb(124, 106,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5775, 15.4377, 13.2251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 106, 96) }
```

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

```
.background{ background-color: rgb(124,  
106, 96) }
```

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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