

Converting Colors

XYZ(15.2941, 17.8872, 12.7956)

Have a look what the booklet for
XYZ(15.2941, 17.8872, 12.7956)
contains.

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Color

**XYZ(15.1995, 17.7624,
12.7526)**

Conversions

Conversions Part 1

Format	Color
Hex	6E795C
RGB	110, 121, 92
RGB Percent	43%, 47%, 36%
CMY	0.5686, 0.5255, 0.6392
CMYK	0.09, 0.00, 0.24, 0.53
HSL	83°, 14%, 42%
HSV	83°, 24%, 47%
XYZ	15.1995, 17.7624, 12.7526
YIQ	114.4050, 2.7530, -11.3510

Conversions

Conversions Part 2

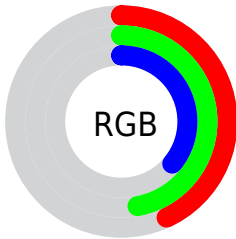
Format	Color
R_{YB}	92, 121, 103
Decimal	7240028
CIE _{Lab}	49.21, -9.67, 14.57
CIE _{LCh}	49, 17.488, 123.566
Yxy	17.7624, 0.3325, 0.3886
Android (android.graphics.Color)	4285430108 (0xFF6E795C)
YUV	114.4050, -11.0457, -3.8632
Hunter-Lab	42.1455, -9.3796, 11.5615

Details

The XYZ color **15.1995, 17.7624, 12.7526** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.8726, 11.9188, 19.7122**, and the grayscale version is **16.1479, 16.9889, 18.5009**.

A 20% lighter version of the original color is **34.7263, 39.5215, 31.3893**, and **4.7971, 5.8561, 3.4623** is the 20% darker color. If you saturate the color by 10%, you get **14.1559, 17.2813, 10.1597**, and if you desaturate by 10%, it is **16.3581, 18.2941, 15.7927**.

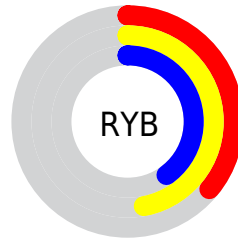
Distribution



Red (43%)

Green (47%)

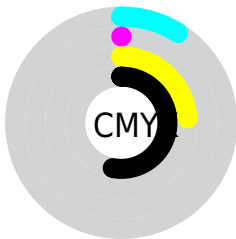
Blue (36%)



Red (36%)

Yellow (47%)

Blue (40%)

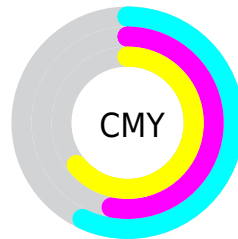


Cyan (9%)

Magenta (0%)

Yellow (24%)

Black (53%)



Cyan (57%)

Magenta (53%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1995, 17.7624, 12.7526 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 15.1995, 17.7624, 12.7526 by changing the saturation by 10% instead.

■ 15.1995, 17.7624,
12.7526

■ 15.1995, 17.7624,
12.7526

217.9351,
239.5284, 220.4778

■ 9.0467, 10.7795,
7.1297

■ 34.7716, 39.6320,
31.5432

■ 4.8290, 5.9188,
3.4637

■ 48.9216, 55.2876,
45.5481

■ 2.1810, 2.7958,
1.3360

■ 66.4681, 74.6029,
63.1839

■ 0.7327, 1.0261,
0.0910

■ 87.7764, 97.9622,
84.8694

■ 0.0000, 0.0000,
0.0000

113.2119,
125.7501, 111.0229

143.1400,

158.3508, 142.0632

177.9259,
196.1487, 178.4086

■ 15.1995, 17.7624,
12.7526

■ 15.1995, 17.7624,
12.7526

■ 14.1559, 17.2813,
10.1597

■ 16.3581, 18.2941,
15.7927

■ 13.2216, 16.8466,
7.9919

■ 17.6345, 18.8759,
19.2985

■ 12.3921, 16.4572,
6.2265

■ 19.0332, 19.5100,
23.2891

■ 11.6624, 16.1110,
4.8387

■ 20.5578, 20.1982,
27.7819

■ 11.0266, 15.8055,
3.8007

■ 22.2120, 20.9417,
32.7935

■ 10.4782, 15.5382,
3.0810

■ 23.9991, 21.7421,
38.3398

■ 10.0086, 15.3055,
2.6363

■ 25.9224, 22.6006,
44.4361

■ 9.7469, 15.1752,
2.4154

■ 27.9851, 23.5187,
51.0969

■ 30.1902, 24.4975,
58.3363

Harmonies

Analogous

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



16.6874, 17.7624, 11.6586



15.1995, 17.7624, 12.7526



14.2151, 17.7624, 15.5943

Triad

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



15.1995, 17.7624, 12.7526



15.5183, 17.7624, 28.5998



20.2272, 17.7624, 18.7843

Complementary

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



15.1995, 17.7624, 12.7526



12.8726, 11.9188, 19.7122

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.



19.8646, 17.7624, 23.6426



15.1995, 17.7624, 12.7526



17.0794, 17.7624, 29.8188

Square

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



15.1995, 17.7624, 12.7526



14.3906, 17.7624, 24.7718



18.6856, 17.7624, 27.8773



19.6470, 17.7624, 14.7670

Rectangle

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



15.1995, 17.7624, 12.7526



13.9408, 17.7624, 18.3464



18.6856, 17.7624, 27.8773



20.2117, 17.7624, 20.3693

Sweetspot

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



15.2000, 17.7632, 12.7530



30.8206, 33.4558, 32.4505



14.6314, 14.4659, 12.1465



7.0256, 7.6399, 7.3602



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.



15.2000, 17.7632, 12.7530



26.1171, 31.3003, 20.0676



13.5795, 16.9278, 12.6771



4.1674, 4.5616, 4.2853



10.4321, 16.2552, 2.5877



48.7932, 77.0393, 12.2984

Inverse Universe

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



12.8726, 11.9188, 19.7122



21.1537, 18.8337, 34.9132



14.6330, 12.8264, 19.7946



3.9280, 3.9608, 5.0007



4.8895, 2.0934, 19.5317



22.4423, 9.5314, 93.1267

Previews

White Background



This preview shows how the XYZ color 15.1995, 17.7624, 12.7526 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 15.1995, 17.7624, 12.7526 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 15.1995, 17.7624, 12.7526

Background



This preview shows how black text looks on a background with the XYZ color 15.1995, 17.7624, 12.7526.



This preview shows how white text looks on a background with the XYZ color 15.1995, 17.7624,

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

15.1995, 17.7624, 12.7526

Protanopia

16.6642, 17.8207, 12.2343

Deuteranopia

17.9679, 17.6307, 13.0457



Tritanopia

17.1974, 17.8738, 22.2822

Trichromacy



Original Color

15.1995, 17.7624, 12.7526

Protanomaly

16.1125, 17.7053, 12.4658

Deuteranomaly

16.8589, 17.5638, 12.8575

Tritanomaly

16.3257, 17.6825, 18.4722

Monochromacy



Original Color

15.1995, 17.7624, 12.7526

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.7729, 17.2739, 16.1385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1995, 17.7624, 12.7526 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, 121, 92)` looks like.

```
.text, #text, p{  
    color:rgb(110, 121, 92)  
}
```

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, 121, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 121, 92) }
```

Border

The CSS property to change the border of an element to XYZ 15.1995, 17.7624, 12.7526 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, 121, 92) }
```


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

```
.border{ border-color:rgb(110, 121, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 121, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 121, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 121, 92);  
box-shadow:4px 4px 4px 4px rgb(110, 121,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1995, 17.7624, 12.7526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 121, 92) }
```

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

```
.background{ background-color: rgb(110,  
121, 92) }
```

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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