

Converting Colors

XYZ(11.5087, 15.1210, 12.7370)

Have a look what the booklet for
XYZ(11.5087, 15.1210, 12.7370)
contains.

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Color

**XYZ(11.4790, 15.1326,
12.6718)**

Conversions

Conversions Part 1

Format	Color
Hex	4E755D
RGB	78, 117, 93
RGB Percent	31%, 46%, 36%
CMY	0.6941, 0.5412, 0.6353
CMYK	0.33, 0.00, 0.21, 0.54
HSL	143°, 20%, 38%
HSV	143°, 33%, 46%
XYZ	11.4790, 15.1326, 12.6718
YIQ	102.6030, -15.5400, -15.7320

Conversions

Conversions Part 2

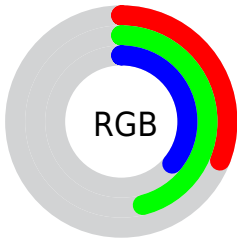
Format	Color
RYB	78, 106, 117
Decimal	5141853
CIELab	45.82, -19.30, 8.93
CIELCh	46, 21.263, 155.162
Yxy	15.1326, 0.2922, 0.3852
Android (android.graphics.Color)	4283331933 (0xFF4E755D)
YUV	102.6030, -4.7343, -21.5768
Hunter-Lab	38.9006, -15.4034, 7.9169

Details

The XYZ color **11.4790, 15.1326, 12.6718** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.4594, 10.1904, 13.8814**, and the grayscale version is **12.8028, 13.4695, 14.6683**.

A 20% lighter version of the original color is **28.0480, 34.9483, 31.2540**, and **3.1453, 4.6308, 3.4174** is the 20% darker color. If you saturate the color by 10%, you get **10.3004, 14.5605, 11.0296**, and if you desaturate by 10%, it is **12.8591, 15.8059, 14.4809**.

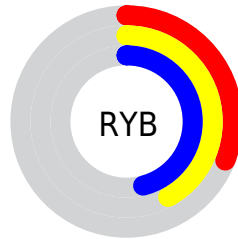
Distribution



Red (31%)

Green (46%)

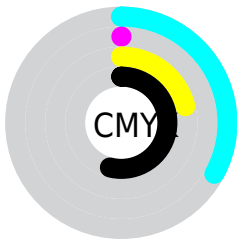
Blue (36%)



Red (31%)

Yellow (42%)

Blue (46%)

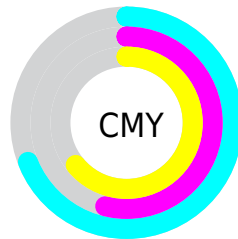


Cyan (33%)

Magenta (0%)

Yellow (21%)

Black (54%)



Cyan (69%)

Magenta (54%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4790, 15.1326, 12.6718 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 11.4790, 15.1326, 12.6718 by changing the saturation by 10% instead.

■ 11.4790, 15.1326,
12.6718

■ 11.4790, 15.1326,
12.6718

194.7661,
224.1674, 219.9369

■ 6.4596, 8.9125,
7.0749

■ 28.1677, 35.0856,
31.3954

■ 3.1698, 4.6842,
3.4298

■ 40.5679, 49.5874,
45.3591

■ 1.2442, 2.0632,
1.3181

■ 56.1589, 67.6184,
62.9489

■ 0.1408, 0.6438,
0.0765

■ 75.3063, 89.5632,
84.5832

■ 0.0000, 0.0000,
0.0000

■ 98.3754, 115.8061,
110.6806

125.7314,

146.7315, 141.6597

157.7399,
182.7238, 177.9389

■ 11.4790, 15.1326,
12.6718

■ 11.4790, 15.1326,
12.6718

■ 10.3004, 14.5605,
11.0296

■ 12.8591, 15.8059,
14.4809

■ 9.3121, 14.0828,
9.5485

■ 14.4486, 16.5831,
16.4604

■ 8.5039, 13.6947,
8.2239

■ 16.2565, 17.4693,
18.6150

■ 7.8638, 13.3900,
7.0504

■ 18.2908, 18.4685,
20.9490

■ 7.3785, 13.1621,
6.0224

■ 20.5594, 19.5846,
23.4666

■ 7.0306, 13.0020,
5.1340

■ 23.0695, 20.8213,
26.1715

■ 6.8352, 12.9126,
4.6146

■ 25.8280, 22.1822,
29.0676

■ 28.8417, 23.6705,
32.1587

■ 32.1171, 25.2896,
35.4483

Harmonies

Analogous

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



12.4898, 15.1326, 9.6580



11.4790, 15.1326, 12.6718



11.2189, 15.1326, 17.3801

Triad

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



11.4790, 15.1326, 12.6718



14.6951, 15.1326, 28.3795



17.3859, 15.1326, 11.4251

Complementary

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



11.4790, 15.1326, 12.6718



12.4594, 10.1904, 13.8814

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.



18.0924, 15.1326, 15.6054



11.4790, 15.1326, 12.6718



16.4587, 15.1326, 25.9256

Square

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



11.4790, 15.1326, 12.6718



12.9846, 15.1326, 27.1445



17.7398, 15.1326, 20.9762



15.8785, 15.1326, 9.0498

Rectangle

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



11.4790, 15.1326, 12.6718



11.4861, 15.1326, 21.0356



17.7398, 15.1326, 20.9762



17.7303, 15.1326, 12.6294

Sweetspot

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



11.4794, 15.1332, 12.6721



26.8252, 30.1611, 30.6271



13.2222, 16.1010, 9.6190



6.0883, 6.8957, 6.9462



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.



11.4794, 15.1332, 12.6721



18.8989, 26.2931, 20.4005



12.4535, 15.5228, 17.8014



3.6935, 4.1194, 4.2200



7.5233, 14.2233, 5.0460



36.2709, 69.1556, 22.5296

Inverse Universe

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



12.4594, 10.1904, 13.8814



20.9400, 15.9893, 22.9132



11.6050, 9.8487, 9.3825



3.7698, 3.7352, 4.3144



9.3640, 4.6793, 7.1249



45.2038, 22.6316, 32.4661

Previews

White Background



This preview shows how the XYZ color 11.4790, 15.1326, 12.6718 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 11.4790, 15.1326, 12.6718 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 11.4790, 15.1326, 12.6718

Background



This preview shows how black text looks on a background with the XYZ color 11.4790, 15.1326, 12.6718.



This preview shows how white text looks on a background with the XYZ color 11.4790, 15.1326,

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

11.4790, 15.1326, 12.6718

Protanopia

14.1052, 15.0238, 11.6077

Deuteranopia

15.2300, 14.9561, 13.1504



Tritanopia

13.0741, 15.1002, 20.6379

Trichromacy



Original Color

11.4790, 15.1326, 12.6718

Protanomaly

12.8967, 14.8738, 11.8641

Deuteranomaly

13.5976, 14.8893, 12.9837

Tritanomaly

12.3662, 14.9762, 17.2778

Monochromacy



Original Color

11.4790, 15.1326, 12.6718

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.2308, 14.0057, 13.8631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4790, 15.1326, 12.6718 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(78, 117, 93)` looks like.

```
.text, #text, p{  
    color:rgb(78, 117, 93)  
}
```

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(78, 117, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 117, 93) }
```

Border

The CSS property to change the border of an element to XYZ 11.4790, 15.1326, 12.6718 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(78, 117, 93) }
```


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

```
.border{ border-color:rgb(78, 117, 93) }
```

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

Here you see how a box with a 4 pixel rgb(78, 117, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 117, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 117, 93);  
box-shadow:4px 4px 4px 4px rgb(78, 117,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4790, 15.1326, 12.6718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 117, 93) }
```

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

```
.background{ background-color: rgb(78, 117,  
93) }
```

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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