

Converting Colors

XYZ(14.5408, 15.2284, 12.5289)

Have a look what the booklet for
XYZ(14.5408, 15.2284, 12.5289)
contains.

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Color

**XYZ(14.5408, 15.2284,
12.5289)**

Conversions

Conversions Part 1

Format	Color
Hex	746C5D
RGB	116, 108, 93
RGB Percent	45%, 42%, 36%
CMY	0.5451, 0.5765, 0.6353
CMYK	0.00, 0.07, 0.20, 0.55
HSL	39°, 11%, 41%
HSV	39°, 20%, 45%
XYZ	14.5408, 15.2284, 12.5289
YIQ	108.6820, 9.5830, -2.9690

Conversions

Conversions Part 2

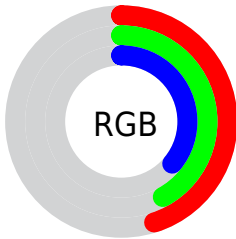
Format	Color
RYB	105, 116, 93
Decimal	7629917
CIELab	45.95, 0.41, 9.52
CIELCh	46, 9.533, 87.539
Yxy	15.2284, 0.3438, 0.3600
Android (android.graphics.Color)	4285819997 (0xFF746C5D)
YUV	108.6820, -7.7312, 6.4179
Hunter-Lab	39.0236, -1.7794, 8.2809

Details

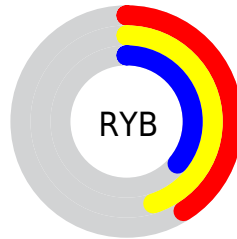
The XYZ color **14.5408, 15.2284, 12.5289** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.3202, 12.8953, 18.3628**, and the grayscale version is **14.4654, 15.2187, 16.5732**.

A 20% lighter version of the original color is **33.5045, 35.1043, 30.9965**, and **4.5657, 4.7717, 3.3697** is the 20% darker color. If you saturate the color by 10%, you get **13.6500, 14.2076, 9.8865**, and if you desaturate by 10%, it is **15.5301, 16.3212, 15.5891**.

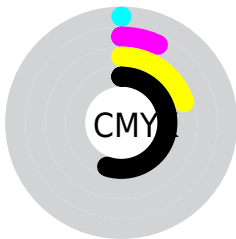
Distribution



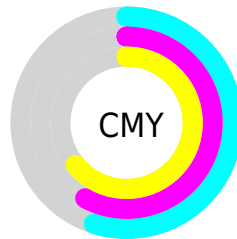
- Red (45%)
- Green (42%)
- Blue (36%)



- Red (41%)
- Yellow (45%)
- Blue (36%)



- Cyan (0%)
- Magenta (7%)
- Yellow (20%)
- Black (55%)



- Cyan (55%)
- Magenta (58%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5408, 15.2284, 12.5289 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 14.5408, 15.2284, 12.5289 by changing the saturation by 10% instead.

■ 14.5408, 15.2284,
12.5289

■ 14.5408, 15.2284,
12.5289

214.0137,
224.7445, 218.9767

■ 8.5820, 8.9798,
6.9781

■ 33.6239, 35.2534,
31.1335

■ 4.5244, 4.7280,
3.3701

■ 47.4788, 49.7986,
45.0243

■ 2.0029, 2.0886,
1.2866

■ 64.6965, 67.8781,
62.5322

■ 0.6356, 0.6582,
0.0508

■ 85.6423, 89.8763,
84.0757

■ 0.0000, 0.0000,
0.0000

110.6816,
116.1777, 110.0734

140.1797,

147.1666, 140.9437

174.5019,
183.2274, 177.1053

■ 14.5408, 15.2284,
12.5289

■ 14.5408, 15.2284,
12.5289

■ 13.6500, 14.2076,
9.8865

■ 15.5301, 16.3212,
15.5891

■ 12.8527, 13.2547,
7.6424

■ 16.6201, 17.4857,
19.0834

■ 12.1453, 12.3684,
5.7770

■ 17.8147, 18.7243,
23.0287

■ 11.5233, 11.5465,
4.2686

■ 19.1170, 20.0387,
27.4403

■ 10.9820, 10.7867,
3.0934

■ 20.5301, 21.4305,
32.3331

■ 10.5161, 10.0862,
2.2244

■ 22.0568, 22.9013,
37.7211

■ 10.1193, 9.4423,
1.6307

■ 23.7000, 24.4525,
43.6180

■ 9.7697, 8.8457,
1.1982

■ 25.4623, 26.0857,
50.0367

■ 9.7638, 8.8357,
1.1908

■ 27.3463, 27.8021,
56.9898

Harmonies

Analogous

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



15.3223, 15.2284, 13.1098



14.5408, 15.2284, 12.5289



13.7691, 15.2284, 12.9475

Triad

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



14.5408, 15.2284, 12.5289



13.1425, 15.2284, 18.7200



15.8221, 15.2284, 19.0803

Complementary

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



14.5408, 15.2284, 12.5289



12.3202, 12.8953, 18.3628

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.



15.2029, 15.2284, 20.8380



14.5408, 15.2284, 12.5289



13.6579, 15.2284, 20.6168

Square

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



14.5408, 15.2284, 12.5289



12.9798, 15.2284, 16.3912



14.4077, 15.2284, 21.4246



16.0790, 15.2284, 16.7725

Rectangle

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



14.5408, 15.2284, 12.5289



13.3602, 15.2284, 13.7606



14.4077, 15.2284, 21.4246



15.6483, 15.2284, 19.7629

Sweetspot

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



14.5412, 15.2291, 12.5292



27.9821, 29.4268, 29.5698



13.4684, 12.4825, 14.0244



6.6540, 6.9970, 6.9855



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.



14.5412, 15.2291, 12.5292



24.7907, 25.8961, 19.7137



14.9736, 16.7622, 12.8024



3.8646, 4.0621, 3.9227



10.9396, 9.8804, 1.3305



52.4860, 46.5005, 6.2092

Inverse Universe

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



12.3202, 12.8953, 18.3628



20.1015, 20.9693, 32.0325



11.9383, 11.6011, 18.1332



3.5952, 3.7789, 4.6302



4.3857, 3.1112, 18.9119



20.6396, 13.6958, 91.9160

Previews

White Background



This preview shows how the XYZ color 14.5408, 15.2284, 12.5289 looks on a white background.

Color Contrast Check

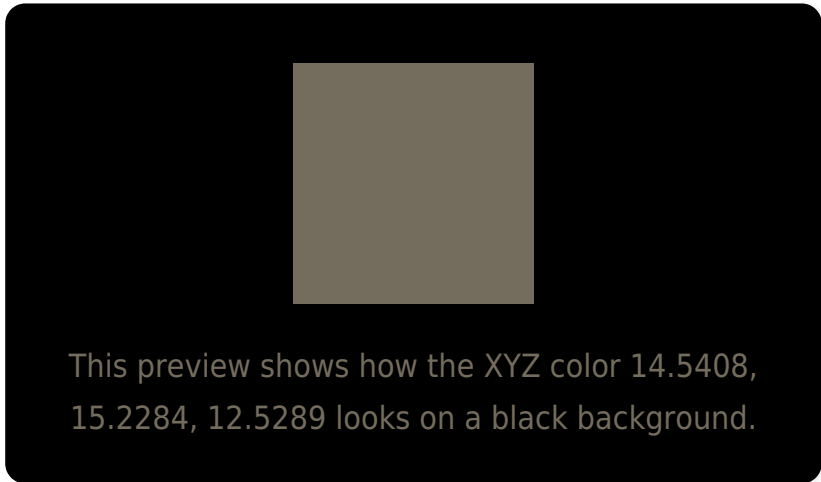
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

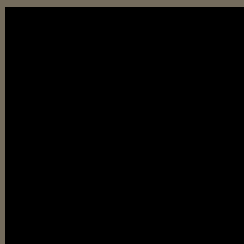
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.5408, 15.2284, 12.5289

Background



This preview shows how black text looks on a background with the XYZ color 14.5408, 15.2284, 12.5289.



This preview shows how white text looks on a background with the XYZ color 14.5408, 15.2284,

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

14.5408, 15.2284, 12.5289

Protanopia

14.3839, 15.3050, 12.5520

Deuteranopia

15.5294, 15.2713, 12.7188



Tritanopia

15.6400, 15.2173, 17.7357

Trichromacy



Original Color

14.5408, 15.2284, 12.5289

Protanomaly

14.5147, 15.3724, 12.5581

Deuteranomaly

15.2005, 15.2538, 12.7328

Tritanomaly

15.2268, 15.2002, 15.7671

Monochromacy



Original Color

14.5408, 15.2284, 12.5289

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.5989, 15.3613, 15.0275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5408, 15.2284, 12.5289 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(116, 108, 93)` looks like.

```
.text, #text, p{  
    color:rgb(116, 108, 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(116, 108, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 108, 93) }
```

Border

The CSS property to change the border of an element to XYZ 14.5408, 15.2284, 12.5289 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(116, 108, 93) }
```


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

```
.border{ border-color:rgb(116, 108, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 108, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 108, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 108, 93);  
box-shadow:4px 4px 4px 4px rgb(116, 108,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5408, 15.2284, 12.5289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 108, 93) }
```

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

```
.background{ background-color: rgb(116,  
108, 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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