

Converting Colors

XYZ(12.9279, 12.5667, 11.0549)

Have a look what the booklet for
XYZ(12.9279, 12.5667, 11.0549)
contains.

XYZ(12.9239, 12.5338, 10.9706)	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(12.9239, 12.5338,
10.9706)**

Conversions

Conversions Part 1

Format	Color
Hex	735F58
RGB	115, 95, 88
RGB Percent	45%, 37%, 35%
CMY	0.5490, 0.6274, 0.6549
CMYK	0.00, 0.17, 0.23, 0.55
HSL	16°, 13%, 40%
HSV	16°, 23%, 45%
XYZ	12.9239, 12.5338, 10.9706
YIQ	100.1820, 14.1670, 2.0630

Conversions

Conversions Part 2

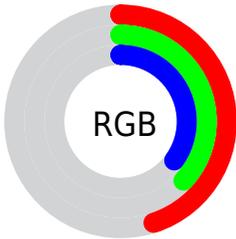
Format	Color
R_{YB}	115, 97, 88
Decimal	7561048
CIE _{Lab}	42.05, 6.89, 7.02
CIE _{LCh}	42, 9.837, 45.570
Yxy	12.5338, 0.3548, 0.3441
Android (android.graphics.Color)	4285751128 (0xFF735F58)
YUV	100.1820, -6.0057, 12.9954
Hunter-Lab	35.4031, 3.2060, 6.4096

Details

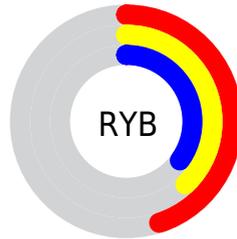
The XYZ color **12.9239, 12.5338, 10.9706** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.4815, 14.0374, 18.2715**, and the grayscale version is **12.1721, 12.8060, 13.9458**.

A 20% lighter version of the original color is **30.6492, 30.3013, 28.2781**, and **3.7811, 3.5293, 2.7674** is the 20% darker color. If you saturate the color by 10%, you get **11.7589, 10.9070, 8.4146**, and if you desaturate by 10%, it is **14.2486, 14.3597, 13.9510**.

Distribution



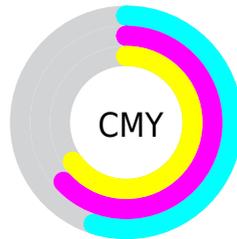
- Red (45%)
- Green (37%)
- Blue (35%)



- Red (45%)
- Yellow (38%)
- Blue (35%)



- Cyan (0%)
- Magenta (17%)
- Yellow (23%)
- Black (55%)



- Cyan (55%)
- Magenta (63%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.9239, 12.5338, 10.9706 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 12.9239, 12.5338, 10.9706 by changing the saturation by 10% instead.

■ 12.9239, 12.5338,
10.9706

■ 12.9239, 12.5338,
10.9706

204.0768,
207.9079, 208.1959

■ 7.4528, 7.1083,
5.9331

■ 30.7695, 30.4637,
28.2416

■ 3.7957, 3.5299,
2.7363

■ 43.8747, 43.7368,
41.3122

■ 1.5872, 1.4143,
0.9616

■ 60.2553, 60.3946,
57.8977

■ 0.3841, 0.2272,
0.0000

■ 80.2766, 80.8216,
78.4165

■ 0.0000, 0.0000,
0.0000

■ 104.3041,
105.4019, 103.2872

132.7031,

134.5202, 132.9283

165.8389,
168.5607, 167.7583

■ 12.9239, 12.5338,
10.9706

■ 12.9239, 12.5338,
10.9706

■ 11.7589, 10.9070,
8.4146

■ 14.2486, 14.3597,
13.9510

■ 10.7465, 9.4707,
6.2627

■ 15.7380, 16.3893,
17.3731

■ 9.8804, 8.2183,
4.4944

■ 17.3978, 18.6295,
21.2544

■ 9.1533, 7.1423,
3.0867

■ 19.2334, 21.0860,
25.6109

■ 8.5577, 6.2343,
2.0144

■ 21.2498, 23.7646,
30.4581

■ 8.0847, 5.4856,
1.2488

■ 23.4519, 26.6706,
35.8106

■ 7.7236, 4.8858,
0.7513

■ 25.8443, 29.8093,
41.6826

■ 7.5301, 4.5645,
0.4842

■ 28.4315, 33.1858,
48.0876

■ 31.2178, 36.8051,
55.0386

Harmonies

Analogous

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



13.3184, 12.5338, 12.5953



12.9239, 12.5338, 10.9706



12.2666, 12.5338, 10.1093

Triad

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



12.9239, 12.5338, 10.9706



10.6034, 12.5338, 12.6688



12.2941, 12.5338, 17.9020

Complementary

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



12.9239, 12.5338, 10.9706



12.4815, 14.0374, 18.2715

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.



11.5663, 12.5338, 17.9269



12.9239, 12.5338, 10.9706



10.6101, 12.5338, 14.7560

Square

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



12.9239, 12.5338, 10.9706



10.9375, 12.5338, 11.0196



10.9562, 12.5338, 16.7271



12.9448, 12.5338, 16.6623

Rectangle

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



12.9239, 12.5338, 10.9706



11.7771, 12.5338, 10.0212



10.9562, 12.5338, 16.7271



12.0499, 12.5338, 18.0567

Sweetspot

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



12.9242, 12.5344, 10.9709



27.1582, 27.9578, 28.7444



13.2802, 11.7125, 15.8182



6.4531, 6.6346, 6.7979



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

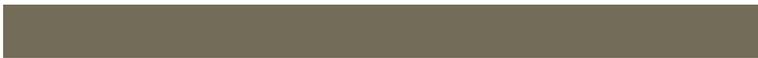
The Same Dimension uses a secret algorithm to generate beautiful new colors.



12.9242, 12.5344, 10.9709



22.0112, 20.8694, 17.1460



14.2208, 15.1275, 11.4031



3.7541, 3.8411, 3.8858



8.5924, 5.1860, 0.5481



41.2678, 24.0641, 2.4698

Inverse Universe

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



12.4815, 14.0374, 18.2715



21.0740, 24.0428, 32.5745



11.1889, 11.4521, 17.8406



3.7068, 4.0022, 4.6674



7.2496, 8.8388, 19.8665



34.6079, 41.6324, 96.5721

Previews

White Background



This preview shows how the XYZ color 12.9239, 12.5338, 10.9706 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 12.9239, 12.5338, 10.9706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

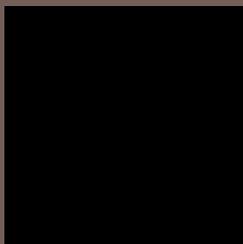
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

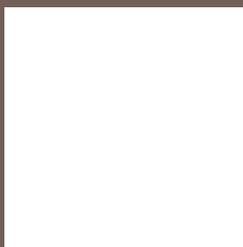
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 12.9239, 12.5338, 10.9706

Background



This preview shows how black text looks on a background with the XYZ color 12.9239, 12.5338, 10.9706.



This preview shows how white text looks on a background with the XYZ color 12.9239, 12.5338,

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

12.9239, 12.5338, 10.9706

Protanopia

11.9008, 12.5454, 11.4671

Deuteranopia

12.7544, 12.5810, 10.9887



Tritanopia

13.4171, 12.4618, 13.7548

Trichromacy



Original Color

12.9239, 12.5338, 10.9706

Protanomaly

12.2343, 12.5824, 11.2350

Deuteranomaly

12.8838, 12.6477, 10.9947

Tritanomaly

13.3165, 12.5629, 12.7894

Monochromacy



Original Color

12.9239, 12.5338, 10.9706

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.3047, 12.5832, 12.8466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.9239, 12.5338, 10.9706 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(115, 95, 88)` looks like.

```
.text, #text, p{  
    color:rgb(115, 95, 88)  
}
```

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(115, 95, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 95, 88) }
```

Border

The CSS property to change the border of an element to XYZ 12.9239, 12.5338, 10.9706 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(115, 95, 88) }
```

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

```
.border{ border-color:rgb(115, 95, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 95, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 95, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 95, 88);  
box-shadow:4px 4px 4px 4px rgb(115, 95,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 12.9239, 12.5338, 10.9706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 95, 88) }
```

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

```
.background{ background-color: rgb(115, 95,  
88) }
```

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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