

Converting Colors

XYZ(12.5025, 12.3352, 10.1095)

Have a look what the booklet for
XYZ(12.5025, 12.3352, 10.1095)
contains.

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Color

**XYZ(12.5025, 12.3352,
10.1095)**

Conversions

Conversions Part 1

Format	Color
Hex	715F54
RGB	113, 95, 84
RGB Percent	44%, 37%, 33%
CMY	0.5569, 0.6274, 0.6706
CMYK	0.00, 0.16, 0.26, 0.56
HSL	23°, 15%, 39%
HSV	23°, 26%, 44%
XYZ	12.5025, 12.3352, 10.1095
YIQ	99.1280, 14.2590, 0.3950

Conversions

Conversions Part 2

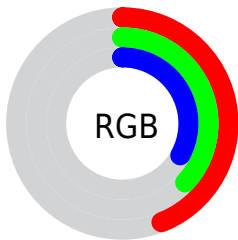
Format	Color
R_{YB}	113, 102, 84
Decimal	7429972
CIE Lab	41.74, 5.39, 9.00
CIE LCh	42, 10.486, 59.070
Yxy	12.3352, 0.3578, 0.3530
Android (android.graphics.Color)	4285620052 (0xFF715F54)
YUV	99.1280, -7.4581, 12.1657
Hunter-Lab	35.1215, 2.0795, 7.5188

Details

The XYZ color **12.5025, 12.3352, 10.1095** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.3881, 12.5796, 17.4508**, and the grayscale version is **11.9079, 12.5281, 13.6431**.

A 20% lighter version of the original color is **29.9455, 29.9714, 26.7610**, and **3.6445, 3.4669, 2.3966** is the 20% darker color. If you saturate the color by 10%, you get **11.4917, 10.9656, 7.7623**, and if you desaturate by 10%, it is **13.6423, 13.8483, 12.8523**.

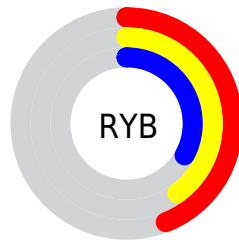
Distribution



Red (44%)

Green (37%)

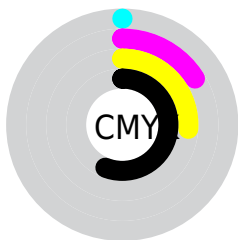
Blue (33%)



Red (44%)

Yellow (40%)

Blue (33%)

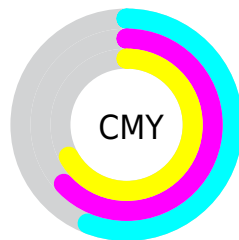


Cyan (0%)

Magenta (16%)

Yellow (26%)

Black (56%)



Cyan (56%)

Magenta (63%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.5025, 12.3352, 10.1095 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 12.5025, 12.3352, 10.1095 by changing the saturation by 10% instead.

■ 12.5025, 12.3352,
10.1095

■ 12.5025, 12.3352,
10.1095

201.4069,
206.6119, 201.9649

■ 7.1615, 6.9724,
5.3651

■ 30.0160, 30.1041,
26.6123

■ 3.6105, 3.4448,
2.4006

■ 42.9193, 43.2791,
39.2077

■ 1.4842, 1.3681,
0.7867

■ 59.0740, 59.8268,
55.2572

■ 0.3151, 0.1931,
0.0000

■ 78.8455, 80.1318,
75.1794

■ 0.0000, 0.0000,
0.0000

■ 102.5992,
104.5784, 99.3927

130.7004,

133.5511, 128.3157

163.5145,
167.4341, 162.3669

■ 12.5025, 12.3352,
10.1095

■ 12.5025, 12.3352,
10.1095

■ 11.4917, 10.9656,
7.7623

■ 13.6423, 13.8483,
12.8523

■ 10.6039, 9.7334,
5.7915

■ 14.9147, 15.5073,
16.0072

■ 9.8344, 8.6346,
4.1773

■ 16.3244, 17.3168,
19.5908

■ 9.1772, 7.6644,
2.8979

■ 17.8757, 19.2806,
23.6184

■ 8.6264, 6.8174,
1.9288

■ 19.5724, 21.4023,
28.1046

■ 8.1748, 6.0881,
1.2424

■ 21.4185, 23.6855,
33.0633

■ 7.8105, 5.4686,
0.7846

■ 23.4175, 26.1336,
38.5079

■ 7.6693, 5.2291,
0.6051

■ 25.5731, 28.7500,
44.4512

■ 27.8886, 31.5378,
50.9055

Harmonies

Analogous

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



13.0677, 12.3352, 11.4726



12.5025, 12.3352, 10.1095



11.7483, 12.3352, 9.6188

Triad

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



12.5025, 12.3352, 10.1095



10.3041, 12.3352, 13.3622



12.4591, 12.3352, 17.4922

Complementary

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



12.5025, 12.3352, 10.1095



11.3881, 12.5796, 17.4508

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.



11.7002, 12.3352, 18.1369



12.5025, 12.3352, 10.1095



10.4762, 12.3352, 15.6003

Square

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



12.5025, 12.3352, 10.1095



10.4985, 12.3352, 11.3656



10.9790, 12.3352, 17.4102



13.0419, 12.3352, 15.7325

Rectangle

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



12.5025, 12.3352, 10.1095



11.2467, 12.3352, 9.8060



10.9790, 12.3352, 17.4102



12.2151, 12.3352, 17.8545

Sweetspot

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



12.5028, 12.3358, 10.1098



26.1031, 26.9854, 27.1508



12.3970, 10.8181, 14.1008



5.9704, 6.1545, 6.1137



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



12.5028, 12.3358, 10.1098



21.2454, 20.5468, 15.4298



13.8933, 15.1167, 10.5732



3.4786, 3.5897, 3.5829



8.6813, 5.8951, 0.6803



42.4698, 27.8149, 3.1304

Inverse Universe

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



11.3881, 12.5796, 17.4508



18.8727, 21.0628, 31.0463



10.1157, 10.0348, 17.0267



3.3738, 3.6128, 4.2737



5.8554, 6.3010, 18.6292



28.3174, 29.6867, 92.5167

Previews

White Background



This preview shows how the XYZ color 12.5025, 12.3352, 10.1095 looks on a white background.

Color Contrast Check

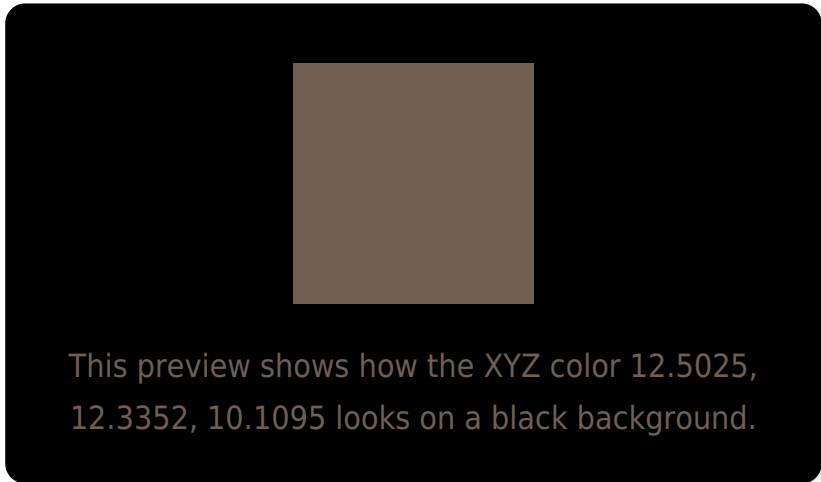
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.5025, 12.3352, 10.1095

Background



This preview shows how black text looks on a background with the XYZ color 12.5025, 12.3352, 10.1095.



This preview shows how white text looks on a background with the XYZ color 12.5025, 12.3352,

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

12.5025, 12.3352, 10.1095

Protanopia

11.6409, 12.2908, 10.5629

Deuteranopia

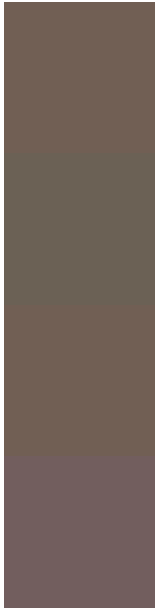
12.5025, 12.3352, 10.1095



Tritanopia

13.2848, 12.3936, 13.7486

Trichromacy



Original Color

12.5025, 12.3352, 10.1095

Protanomaly

11.9778, 12.3311, 10.3432

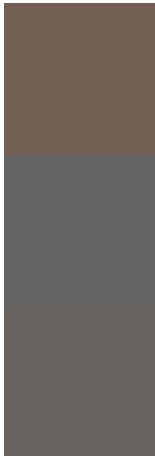
Deuteranomaly

12.5025, 12.3352, 10.1095

Tritanomaly

12.9625, 12.3910, 12.2982

Monochromacy



Original Color

12.5025, 12.3352, 10.1095

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.0970, 12.4866, 12.3622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.5025, 12.3352, 10.1095 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(113, 95, 84)` looks like.

```
.text, #text, p{  
    color:rgb(113, 95, 84)  
}
```

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(113, 95, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 95, 84) }
```

Border

The CSS property to change the border of an element to XYZ 12.5025, 12.3352, 10.1095 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(113, 95, 84) }
```


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

```
.border{ border-color:rgb(113, 95, 84) }
```

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

Here you see how a box with a 4 pixel rgb(113, 95, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 95, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 95, 84);  
box-shadow:4px 4px 4px 4px rgb(113, 95,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 12.5025, 12.3352, 10.1095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 95, 84) }
```

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

```
.background{ background-color: rgb(113, 95,  
84) }
```

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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