

Converting Colors

XYZ(10.2120, 13.1772, 11.0066)

Have a look what the booklet for
XYZ(10.2120, 13.1772, 11.0066)
contains.

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Color

**XYZ(10.2495, 13.2032,
11.0251)**

Conversions

Conversions Part 1

Format	Color
Hex	4D6D57
RGB	77, 109, 87
RGB Percent	30%, 43%, 34%
CMY	0.6980, 0.5725, 0.6588
CMYK	0.29, 0.00, 0.20, 0.57
HSL	139°, 17%, 36%
HSV	139°, 29%, 43%
XYZ	10.2495, 13.2032, 11.0251
YIQ	96.9240, -12.0100, -13.6260

Conversions

Conversions Part 2

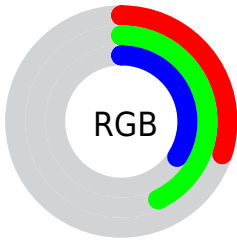
Format	Color
RYB	77, 101, 109
Decimal	5074263
CIELab	43.07, -16.61, 8.62
CIELCh	43, 18.717, 152.571
Yxy	13.2032, 0.2973, 0.3829
Android (android.graphics.Color)	4283264343 (0xFF4D6D57)
YUV	96.9240, -4.8925, -17.4733
Hunter-Lab	36.3362, -13.2382, 7.4456

Details

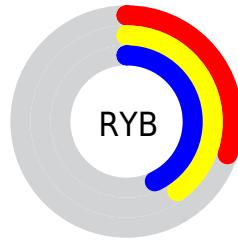
The XYZ color **10.2495, 13.2032, 11.0251** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.2131, 9.4601, 13.0399**, and the grayscale version is **11.3576, 11.9491, 13.0126**.

A 20% lighter version of the original color is **26.0126, 31.8079, 28.4354**, and **2.6517, 3.7960, 2.7834** is the 20% darker color. If you saturate the color by 10%, you get **9.1522, 12.6715, 9.4577**, and if you desaturate by 10%, it is **11.5267, 13.8247, 12.7674**.

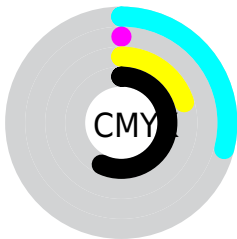
Distribution



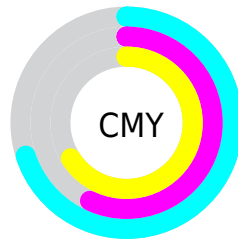
- Red (30%)
- Green (43%)
- Blue (34%)



- Red (30%)
- Yellow (40%)
- Blue (43%)



- Cyan (29%)
- Magenta (0%)
- Yellow (20%)
- Black (57%)



- Cyan (70%)
- Magenta (57%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.2495, 13.2032, 11.0251 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 10.2495, 13.2032, 11.0251 by changing the saturation by 10% instead.

■ 10.2495, 13.2032,
11.0251

■ 10.2495, 13.2032,
11.0251

186.4603,
212.2159, 208.5833

■ 5.6282, 7.5686,
5.9693

■ 25.9092, 31.6684,
28.3439

■ 2.6589, 3.8202,
2.7580

■ 37.6783, 45.2677,
41.4441

■ 0.9760, 1.5735,
0.9724

■ 52.5607, 62.2908,
58.0628

■ 0.0000, 0.3396,
0.0000

■ 70.9219, 83.1220,
78.6185

■ 0.0000, 0.0000,
0.0000

■ 93.1270, 108.1457,
103.5299

119.5416,

137.7464, 133.2155

150.5309,
172.3083, 168.0938

■ 10.2495, 13.2032,
11.0251

■ 10.2495, 13.2032,
11.0251

■ 9.1522, 12.6715,
9.4577

■ 11.5267, 13.8247,
12.7674

■ 8.2256, 12.2237,
8.0590

■ 12.9905, 14.5384,
14.6890

■ 7.4608, 11.8561,
6.8235

■ 14.6486, 15.3482,
16.7951

■ 6.8481, 11.5634,
5.7452

■ 16.5079, 16.2578,
19.0905

■ 6.3766, 11.3404,
4.8177

■ 18.5748, 17.2705,
21.5798

■ 6.0336, 11.1806,
4.0340

■ 20.8558, 18.3892,
24.2674

■ 5.7743, 11.0610,
3.3854

■ 23.3567, 19.6171,
27.1577

■ 5.7585, 11.0537,
3.3482

■ 26.0833, 20.9570,
30.2547

■ 29.0412, 22.4117,
33.5625

Harmonies

Analogous

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



11.1175, 13.2032, 8.6774



10.2495, 13.2032, 11.0251



9.9824, 13.2032, 14.7345

Triad

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



10.2495, 13.2032, 11.0251



12.6738, 13.2032, 23.8374



15.0291, 13.2032, 10.5172

Complementary

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



10.2495, 13.2032, 11.0251



11.2131, 9.4601, 13.0399

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.



15.5222, 13.2032, 14.0234



10.2495, 13.2032, 11.0251



14.0990, 13.2032, 22.1439

Square

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



10.2495, 13.2032, 11.0251



11.3170, 13.2032, 22.6215



15.1696, 13.2032, 18.3452



13.8679, 13.2032, 8.4259

Rectangle

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



10.2495, 13.2032, 11.0251



10.1631, 13.2032, 17.6381



15.1696, 13.2032, 18.3452



15.2824, 13.2032, 11.5432

Sweetspot

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



10.2499, 13.2038, 11.0254



23.2910, 26.0469, 26.3411



11.9981, 14.1490, 9.1199



5.3471, 6.0257, 6.0356



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



10.2499, 13.2038, 11.0254



17.0186, 22.9948, 17.8515



10.9578, 13.4869, 14.7532



3.0993, 3.4589, 3.5070



6.7249, 12.9240, 3.8622



33.9139, 65.7126, 17.8252

Inverse Universe

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



11.2131, 9.4601, 13.0399



19.0343, 15.1560, 22.0629



10.5378, 9.1899, 9.4834



3.1793, 3.1486, 3.6744



8.8484, 4.3915, 8.0961



44.6824, 22.2149, 39.1258

Previews

White Background



This preview shows how the XYZ color 10.2495, 13.2032, 11.0251 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 10.2495, 13.2032, 11.0251 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 10.2495, 13.2032, 11.0251

Background



This preview shows how black text looks on a background with the XYZ color 10.2495, 13.2032, 11.0251.



This preview shows how white text looks on a background with the XYZ color 10.2495, 13.2032,

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

10.2495, 13.2032, 11.0251

Protanopia

12.2784, 13.0577, 10.0569

Deuteranopia

13.3733, 13.1696, 11.2883



Tritanopia

11.5685, 13.1119, 17.8407

Trichromacy



Original Color

10.2495, 13.2032, 11.0251

Protanomaly

11.3744, 13.0275, 10.3026

Deuteranomaly

11.9923, 13.0321, 11.1159

Tritanomaly

10.9610, 13.0130, 15.0308

Monochromacy



Original Color

10.2495, 13.2032, 11.0251

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.8459, 12.2713, 12.1529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2495, 13.2032, 11.0251 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(77, 109, 87)` looks like.

```
.text, #text, p{  
    color:rgb(77, 109, 87)  
}
```

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(77, 109, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 109, 87) }
```

Border

The CSS property to change the border of an element to XYZ 10.2495, 13.2032, 11.0251 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(77, 109, 87) }
```


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

```
.border{ border-color:rgb(77, 109, 87) }
```

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

Here you see how a box with a 4 pixel rgb(77, 109, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 109, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 109, 87);  
box-shadow:4px 4px 4px 4px rgb(77, 109,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 10.2495, 13.2032, 11.0251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 109, 87) }
```

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

```
.background{ background-color: rgb(77, 109,  
87) }
```

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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