

Converting Colors

XYZ(13.6201, 17.5130, 12.1582)

Have a look what the booklet for
XYZ(13.6201, 17.5130, 12.1582)
contains.

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Color

**XYZ(13.6269, 17.5163,
12.1140)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7C59
RGB	94, 124, 89
RGB Percent	37%, 49%, 35%
CMY	0.6314, 0.5137, 0.6510
CMYK	0.24, 0.00, 0.28, 0.51
HSL	111°, 16%, 42%
HSV	111°, 28%, 49%
XYZ	13.6269, 17.5163, 12.1140
YIQ	111.0400, -6.6450, -17.2450

Conversions

Conversions Part 2

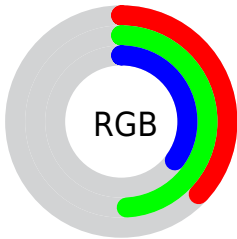
Format	Color
R_{YB}	89, 124, 119
Decimal	6192217
CIE _{Lab}	48.90, -18.07, 15.71
CIE _{LCh}	49, 23.943, 138.990
Yxy	17.5163, 0.3150, 0.4049
Android (android.graphics.Color)	4284382297 (0xFF5E7C59)
YUV	111.0400, -10.8657, -14.9441
Hunter-Lab	41.8525, -15.1234, 12.1355

Details

The XYZ color **13.6269, 17.5163, 12.1140** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.8191, 12.5226, 20.7058**, and the grayscale version is **15.1533, 15.9425, 17.3614**.

A 20% lighter version of the original color is **32.0594, 39.3281, 30.3275**, and **4.1244, 5.8109, 3.1897** is the 20% darker color. If you saturate the color by 10%, you get **12.1336, 16.8022, 9.5512**, and if you desaturate by 10%, it is **15.3590, 18.3444, 15.1467**.

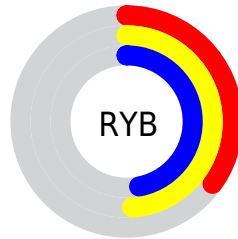
Distribution



Red (37%)

Green (49%)

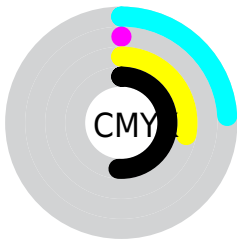
Blue (35%)



Red (35%)

Yellow (49%)

Blue (47%)

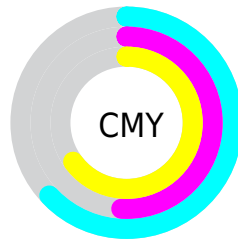


Cyan (24%)

Magenta (0%)

Yellow (28%)

Black (51%)



Cyan (63%)

Magenta (51%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.6269, 17.5163, 12.1140 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 13.6269, 17.5163, 12.1140 by changing the saturation by 10% instead.

■ 13.6269, 17.5163,
12.1140

■ 13.6269, 17.5163,
12.1140

208.4546,
238.1303, 216.1632

■ 7.9416, 10.6033,
6.6979

■ 32.0174, 39.2114,
30.3701

■ 4.1091, 5.8007,
3.1983

■ 45.4532, 54.7622,
44.0471

■ 1.7640, 2.7243,
1.1968

■ 62.2033, 73.9611,
61.3148

■ 0.4959, 0.9896,
0.0000

■ 82.6330, 97.1925,
82.5918

■ 0.0000, 0.0000,
0.0000

■ 107.1076,
124.8407, 108.2966

135.9925,

157.2901, 138.8477

169.6531,
194.9252, 174.6637

■ 13.6269, 17.5163,
12.1140

■ 13.6269, 17.5163,
12.1140

■ 12.1336, 16.8022,
9.5512

■ 15.3590, 18.3444,
15.1467

■ 10.8673, 16.1949,
7.4337

■ 17.3384, 19.2889,
18.6699

■ 9.8170, 15.6900,
5.7364

■ 19.5747, 20.3548,
22.7043

■ 8.9706, 15.2816,
4.4313

■ 22.0769, 21.5462,
27.2694

■ 8.3145, 14.9636,
3.4869

■ 24.8532, 22.8672,
32.3833

■ 7.8334, 14.7288,
2.8672

■ 27.9117, 24.3213,
38.0634

■ 7.5004, 14.5654,
2.4792

■ 31.2601, 25.9123,
44.3264

■ 7.4521, 14.5419,
2.4141

■ 34.9057, 27.6436,
51.1883

■ 38.8557, 29.5185,
58.6642

Harmonies

Analogous

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



15.2961, 17.5163, 9.6803



13.6269, 17.5163, 12.1140



12.7953, 17.5163, 16.8284

Triad

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



13.6269, 17.5163, 12.1140



15.8456, 17.5163, 33.7899



21.0267, 17.5163, 15.3595

Complementary

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



13.6269, 17.5163, 12.1140



14.8191, 12.5226, 20.7058

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.



21.2071, 17.5163, 21.5072



13.6269, 17.5163, 12.1140



18.0788, 17.5163, 33.1485

Square

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



13.6269, 17.5163, 12.1140



13.9983, 17.5163, 29.8821



20.0872, 17.5163, 28.2864



19.6142, 17.5163, 11.2455

Rectangle

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



13.6269, 17.5163, 12.1140



12.7734, 17.5163, 21.0499



20.0872, 17.5163, 28.2864



21.2379, 17.5163, 17.2225

Sweetspot

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



13.6274, 17.5170, 12.1144



30.5234, 33.9486, 32.8772



16.6833, 18.1415, 12.0738



7.0753, 7.9413, 7.5400



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.6274, 17.5170, 12.1144



22.2041, 29.9748, 18.2590



13.6893, 17.4845, 15.0301



3.9993, 4.4749, 4.2775



7.5738, 14.7817, 2.4540



35.6813, 70.2798, 11.6848

Inverse Universe

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



14.8191, 12.5226, 20.7058



24.6677, 19.6326, 36.0460



14.7960, 12.5946, 16.9083



4.1009, 4.0499, 5.0087



9.7746, 4.6118, 19.7603



46.0786, 21.7164, 94.2329

Previews

White Background



This preview shows how the XYZ color 13.6269, 17.5163, 12.1140 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 13.6269, 17.5163, 12.1140 looks on a black 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

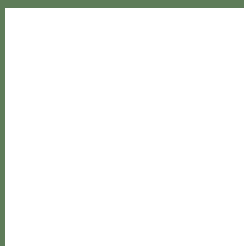
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.6269, 17.5163, 12.1140

Background



This preview shows how black text looks on a background with the XYZ color 13.6269, 17.5163, 12.1140.



This preview shows how white text looks on a background with the XYZ color 13.6269, 17.5163,

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

13.6269, 17.5163, 12.1140

Protanopia

16.1973, 17.4317, 11.1053

Deuteranopia

17.6079, 17.2925, 12.5350



Tritanopia

15.8599, 17.5189, 22.9676

Trichromacy



Original Color

13.6269, 17.5163, 12.1140

Protanomaly

15.0866, 17.3762, 11.3629

Deuteranomaly

15.8794, 17.2392, 12.3881

Tritanomaly

14.9116, 17.4863, 18.5089

Monochromacy



Original Color

13.6269, 17.5163, 12.1140

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.5193, 16.4733, 15.2464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6269, 17.5163, 12.1140 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(94, 124, 89) looks like.

```
.text, #text, p{  
    color:rgb(94, 124, 89)  
}
```

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(94, 124, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 124, 89) }
```

Border

The CSS property to change the border of an element to XYZ 13.6269, 17.5163, 12.1140 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(94, 124, 89) }
```


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

```
.border{ border-color:rgb(94, 124, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 124, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 124, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 124, 89);  
box-shadow:4px 4px 4px 4px rgb(94, 124,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6269, 17.5163, 12.1140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 124, 89) }
```

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

```
.background{ background-color: rgb(94, 124,  
89) }
```

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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