

Converting Colors

XYZ(17.0696, 24.5629, 12.7890)

Have a look what the booklet for
XYZ(17.0696, 24.5629, 12.7890)
contains.

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Color

**XYZ(17.0838, 24.5627,
12.8575)**

Conversions

Conversions Part 1

Format	Color
Hex	5E9557
RGB	94, 149, 87
RGB Percent	37%, 58%, 34%
CMY	0.6314, 0.4157, 0.6588
CMYK	0.37, 0.00, 0.42, 0.42
HSL	113°, 26%, 46%
HSV	113°, 42%, 58%
XYZ	17.0838, 24.5627, 12.8575
YIQ	125.4870, -12.8780, -30.9420

Conversions

Conversions Part 2

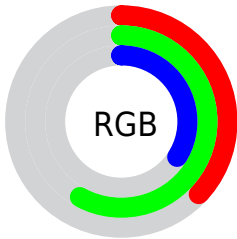
Format	Color
R_{YB}	87, 149, 142
Decimal	6198615
CIE _{Lab}	56.65, -30.96, 27.13
CIE _{LCh}	57, 41.165, 138.768
Yxy	24.5627, 0.3134, 0.4507
Android (android.graphics.Color)	4284388695 (0xFF5E9557)
YUV	125.4870, -18.9741, -27.6141
Hunter-Lab	49.5608, -25.2017, 19.3110

Details

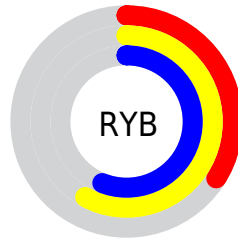
The XYZ color **17.0838, 24.5627, 12.8575** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.9896, 14.7379, 30.2263**, and the grayscale version is **19.7230, 20.7502, 22.5969**.

A 20% lighter version of the original color is **38.2129, 51.2238, 31.9179**, and **5.7469, 9.4022, 3.5194** is the 20% darker color. If you saturate the color by 10%, you get **15.2956, 23.7048, 9.9176**, and if you desaturate by 10%, it is **19.2311, 25.5926, 16.4712**.

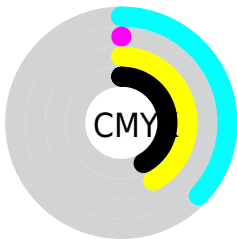
Distribution



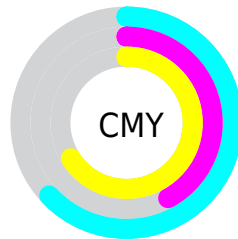
- Red (37%)
- Green (58%)
- Blue (34%)



- Red (34%)
- Yellow (58%)
- Blue (56%)



- Cyan (37%)
- Magenta (0%)
- Yellow (42%)
- Black (42%)



- Cyan (63%)
- Magenta (42%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0838, 24.5627, 12.8575 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 17.0838, 24.5627, 12.8575 by changing the saturation by 10% instead.

■ 17.0838, 24.5627,
12.8575

■ 17.0838, 24.5627,
12.8575

228.8017,
275.6531, 221.1780

■ 10.3899, 15.7516,
7.2009

■ 38.0123, 50.9469,
31.7350

■ 5.7225, 9.3485,
3.5077

■ 52.9775, 69.2887,
45.7929

■ 2.7161, 4.9692,
1.3594

■ 71.4307, 91.5763,
63.4884

■ 1.0055, 2.2292,
0.1097

■ 93.7371, 118.1939,
85.2400

■ 0.0000, 0.7358,
0.0000

■ 120.2620,
149.5260, 111.4662

■ 0.0000, 0.0000,
0.0000

151.3708,

185.9570, 142.5856

187.4289,
227.8712, 179.0167

■ 17.0838, 24.5627,
12.8575

■ 17.0838, 24.5627,
12.8575

■ 15.2956, 23.7048,
9.9176

■ 19.2311, 25.5926,
16.4712

■ 13.8450, 23.0066,
7.6083

■ 21.7537, 26.8000,
20.7952

■ 12.7112, 22.4591,
5.8839


■ 24.6692, 28.1938,
25.8650


■ 11.8699, 22.0509,
4.6920


■ 27.9934, 29.7815,
31.7137

■ 11.2938, 21.7693,
3.9707


■ 31.7412, 31.5700,
38.3721

 10.9759, 21.6134,
3.5933

 35.9269, 33.5662,
45.8694

 40.5640, 35.7765,
54.2334

 45.6656, 38.2068,
63.4906

 51.2439, 40.8631,
73.6663

Harmonies

Analogous

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



20.5073, 24.5627, 8.7409



17.0838, 24.5627, 12.8575



15.4296, 24.5627, 21.9301

Triad

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



17.0838, 24.5627, 12.8575



21.5982, 24.5627, 61.8419



33.1940, 24.5627, 19.1262

Complementary

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



17.0838, 24.5627, 12.8575



19.9896, 14.7379, 30.2263

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.



33.5916, 24.5627, 32.2167



17.0838, 24.5627, 12.8575



26.4355, 24.5627, 60.2866

Square

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



17.0838, 24.5627, 12.8575



17.7881, 24.5627, 51.8806



30.9776, 24.5627, 48.1614



29.9558, 24.5627, 11.4115

Rectangle

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



17.0838, 24.5627, 12.8575



15.3775, 24.5627, 30.9688



30.9776, 24.5627, 48.1614



33.6793, 24.5627, 22.9231

Sweetspot

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



17.0844, 24.5637, 12.8580



43.8255, 50.3210, 45.7037



23.7542, 26.3556, 12.8524



9.5738, 11.0856, 9.8865



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.0844, 24.5637, 12.8580



27.5649, 42.5338, 18.0418



17.5351, 24.6649, 18.8089



5.7868, 6.4979, 6.1897



9.2514, 18.1972, 3.0248



0.1251, 0.2289, 0.0376

Inverse Universe

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



19.9896, 14.7379, 30.2263



33.4764, 22.4674, 53.4935



19.5201, 14.6933, 21.2884



5.9715, 5.8763, 7.2892



12.6141, 5.9754, 24.4196



0.1691, 0.0807, 0.2996

Previews

White Background



This preview shows how the XYZ color 17.0838, 24.5627, 12.8575 looks on a white 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

Black Background



This preview shows how the XYZ color 17.0838, 24.5627, 12.8575 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 17.0838, 24.5627, 12.8575

Background



This preview shows how black text looks on a background with the XYZ color 17.0838, 24.5627, 12.8575.



This preview shows how white text looks on a background with the XYZ color 17.0838, 24.5627,

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

17.0838, 24.5627, 12.8575

Protanopia

22.3997, 24.2330, 11.4795

Deuteranopia

24.6823, 24.1546, 13.4866



Tritanopia

21.2185, 24.4138, 33.7310

Trichromacy



Original Color

17.0838, 24.5627, 12.8575

Protanomaly

19.8804, 23.9855, 11.9694

Deuteranomaly

20.9662, 23.6649, 13.1356

Tritanomaly

19.4152, 24.3563, 24.4468

Monochromacy



Original Color

17.0838, 24.5627, 12.8575

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.3338, 21.7753, 18.2757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0838, 24.5627, 12.8575 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, 149, 87)` looks like.

```
.text, #text, p{  
    color:rgb(94, 149, 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(94, 149, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 149, 87) }
```

Border

The CSS property to change the border of an element to XYZ 17.0838, 24.5627, 12.8575 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, 149, 87) }
```


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

```
.border{ border-color:rgb(94, 149, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 149, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 149, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 149, 87);  
box-shadow:4px 4px 4px 4px rgb(94, 149,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0838, 24.5627, 12.8575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 149, 87) }
```

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

```
.background{ background-color: rgb(94, 149,  
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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