

Converting Colors

XYZ(17.4884, 25.1274, 13.0512)

Have a look what the booklet for
XYZ(17.4884, 25.1274, 13.0512)
contains.

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Color

**XYZ(17.5062, 25.2542,
12.9687)**

Conversions

Conversions Part 1

Format	Color
Hex	5F9757
RGB	95, 151, 87
RGB Percent	37%, 59%, 34%
CMY	0.6274, 0.4078, 0.6588
CMYK	0.37, 0.00, 0.42, 0.41
HSL	113°, 27%, 47%
HSV	113°, 42%, 59%
XYZ	17.5062, 25.2542, 12.9687
YIQ	126.9600, -12.8320, -31.7760

Conversions

Conversions Part 2

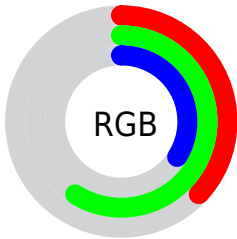
Format	Color
RYB	87, 151, 143
Decimal	6264663
CIELab	57.32, -31.56, 28.01
CIElCh	57, 42.202, 138.408
Yxy	25.2542, 0.3141, 0.4532
Android (android.graphics.Color)	4284454743 (0xFF5F9757)
YUV	126.9600, -19.7003, -28.0289
Hunter-Lab	50.2536, -25.7619, 19.8768

Details

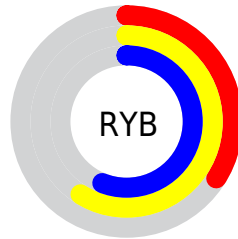
The XYZ color **17.5062, 25.2542, 12.9687** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.3230, 14.8912, 31.0826**, and the grayscale version is **20.2282, 21.2817, 23.1758**.

A 20% lighter version of the original color is **38.8715, 52.2735, 32.0858**, and **5.9789, 9.8030, 3.5845** is the 20% darker color. If you saturate the color by 10%, you get **15.6948, 24.3851, 9.9937**, and if you desaturate by 10%, it is **19.6808, 26.2971, 16.6355**.

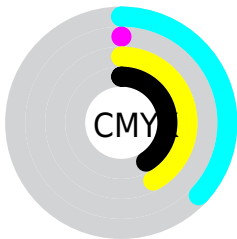
Distribution



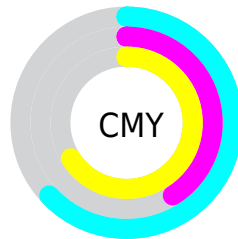
- Red (37%)
- Green (59%)
- Blue (34%)



- Red (34%)
- Yellow (59%)
- Blue (56%)



- Cyan (37%)
- Magenta (0%)
- Yellow (42%)
- Black (41%)



- Cyan (63%)
- Magenta (41%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5062, 25.2542, 12.9687 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 17.5062, 25.2542, 12.9687 by changing the saturation by 10% instead.

■ 17.5062, 25.2542,
12.9687

■ 17.5062, 25.2542,
12.9687

231.1726,
279.1015, 221.9177

■ 10.6936, 16.2665,
7.2765

■ 38.7308, 52.0693,
31.9379

■ 5.9270, 9.7130,
3.5546

■ 53.8735, 70.6656,
46.0520

■ 2.8410, 5.2091,
1.3843

■ 72.5236, 93.2334,
63.8105

■ 1.0702, 2.3704,
0.1294

■ 95.0465, 120.1574,
85.6319

■ 0.0000, 0.8106,
0.0000

■ 121.8074,
151.8218, 111.9348

■ 0.0000, 0.0000,
0.0000

153.1719,

188.6110, 143.1377

189.5052,
230.9094, 179.6592

■ 17.5062, 25.2542,
12.9687

■ 17.5062, 25.2542,
12.9687

■ 15.6948, 24.3851,
9.9937

■ 19.6808, 26.2971,
16.6355

■ 14.2248, 23.6773,
7.6654

■ 22.2350, 27.5192,
21.0319

■ 13.0751, 23.1217,
5.9363


■ 25.1865, 28.9295,
26.1950


■ 12.2212, 22.7069,
4.7516


■ 28.5514, 30.5357,
32.1590


■ 11.6353, 22.4198,
4.0462


■ 32.3448, 32.3447,
38.9559

 11.3332, 22.2714,
3.7015

 36.5811, 34.3634,
46.6159

 41.2739, 36.5983,
55.1679

 46.4365, 39.0554,
64.6393

 52.0813, 41.7407,
75.0564

Harmonies

Analogous

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



21.0932, 25.2542, 8.7707



17.5062, 25.2542, 12.9687



15.7623, 25.2542, 22.3268

Triad

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



17.5062, 25.2542, 12.9687



22.1226, 25.2542, 64.2579



34.3318, 25.2542, 19.6859

Complementary

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



17.5062, 25.2542, 12.9687



20.3230, 14.8912, 31.0826

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.



34.7087, 25.2542, 33.4107



17.5062, 25.2542, 12.9687



27.1696, 25.2542, 62.7772

Square

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



17.5062, 25.2542, 12.9687



18.1694, 25.2542, 53.6633



31.9369, 25.2542, 50.1285



30.9690, 25.2542, 11.6159

Rectangle

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



17.5062, 25.2542, 12.9687



15.6923, 25.2542, 31.7240



31.9369, 25.2542, 50.1285



34.8275, 25.2542, 23.6642

Sweetspot

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



17.5068, 25.2553, 12.9693



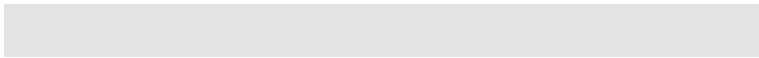
44.6117, 51.5719, 46.0435



24.2265, 26.7538, 12.9043



9.8811, 11.5981, 10.0108



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.5068, 25.2553, 12.9693



28.2131, 43.7203, 18.0693



17.8378, 25.2966, 18.8286



6.2004, 6.9608, 6.6226



9.6554, 18.9534, 3.1495



0.1607, 0.2918, 0.0478

Inverse Universe

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



20.3230, 14.8912, 31.0826



33.9336, 22.5759, 55.0028



20.0372, 14.9426, 22.0904



6.3853, 6.2845, 7.8055



12.8808, 6.0913, 25.4046



0.2111, 0.1006, 0.3807

Previews

White Background



This preview shows how the XYZ color 17.5062, 25.2542, 12.9687 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 17.5062, 25.2542, 12.9687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

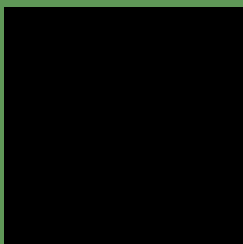
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

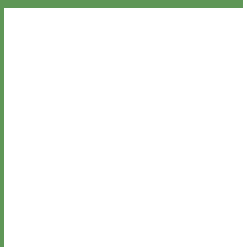
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5062, 25.2542, 12.9687

Background



This preview shows how black text looks on a background with the XYZ color 17.5062, 25.2542, 12.9687.



This preview shows how white text looks on a background with the XYZ color 17.5062, 25.2542,

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

17.5062, 25.2542, 12.9687

Protanopia

23.0463, 24.9845, 11.5905

Deuteranopia

25.3579, 24.8978, 13.5945



Tritanopia

21.8023, 25.1373, 34.7132

Trichromacy



Original Color

17.5062, 25.2542, 12.9687

Protanomaly

20.4792, 24.7319, 12.0819

Deuteranomaly

21.5814, 24.4041, 13.2459

Tritanomaly

19.9017, 25.0530, 24.9059

Monochromacy



Original Color

17.5062, 25.2542, 12.9687

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

18.7990, 22.4230, 18.6665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5062, 25.2542, 12.9687 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(95, 151, 87)` looks like.

```
.text, #text, p{  
    color:rgb(95, 151, 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(95, 151, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 151, 87) }
```

Border

The CSS property to change the border of an element to XYZ 17.5062, 25.2542, 12.9687 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(95, 151, 87) }
```


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

```
.border{ border-color:rgb(95, 151, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 151, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 151, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 151, 87);  
box-shadow:4px 4px 4px 4px rgb(95, 151,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5062, 25.2542, 12.9687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 151, 87) }
```

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

```
.background{ background-color: rgb(95, 151,  
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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