

Converting Colors

XYZ(17.6238, 24.5878, 13.7146)

Have a look what the booklet for
XYZ(17.6238, 24.5878, 13.7146)
contains.

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Color

**XYZ(17.6238, 24.5878,
13.7146)**

Conversions

Conversions Part 1

Format	Color
Hex	63945B
RGB	99, 148, 91
RGB Percent	39%, 58%, 36%
CMY	0.6118, 0.4196, 0.6431
CMYK	0.33, 0.00, 0.39, 0.42
HSL	112°, 24%, 47%
HSV	112°, 39%, 58%
XYZ	17.6238, 24.5878, 13.7146
YIQ	126.8510, -10.9070, -28.1150

Conversions

Conversions Part 2

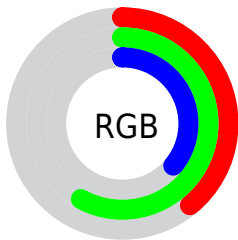
Format	Color
R_{YB}	91, 148, 140
Decimal	6526043
CIE _{Lab}	56.67, -28.12, 25.04
CIE _{LCh}	57, 37.655, 138.317
Yxy	24.5878, 0.3151, 0.4396
Android (android.graphics.Color)	4284716123 (0xFF63945B)
YUV	126.8510, -17.6745, -24.4253
Hunter-Lab	49.5861, -23.3335, 18.3117

Details

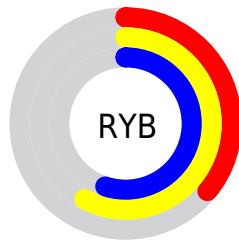
The XYZ color **17.6238, 24.5878, 13.7146** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.9028, 15.1966, 29.9026**, and the grayscale version is **20.1836, 21.2347, 23.1246**.

A 20% lighter version of the original color is **38.9519, 50.8695, 33.3570**, and **5.9959, 9.3842, 3.8782** is the 20% darker color. If you saturate the color by 10%, you get **15.7652, 23.6970, 10.6173**, and if you desaturate by 10%, it is **19.8286, 25.6440, 17.4865**.

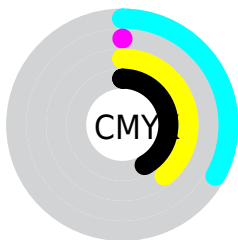
Distribution



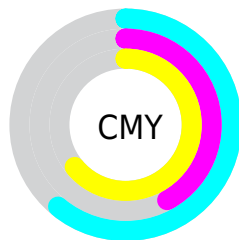
- Red (39%)
- Green (58%)
- Blue (36%)



- Red (36%)
- Yellow (58%)
- Blue (55%)



- Cyan (33%)
- Magenta (0%)
- Yellow (39%)
- Black (42%)



- Cyan (61%)
- Magenta (42%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6238, 24.5878, 13.7146 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 17.6238, 24.5878, 13.7146 by changing the saturation by 10% instead.

■ 17.6238, 24.5878,
13.7146

■ 17.6238, 24.5878,
13.7146

231.8288,
275.7789, 226.8144

■ 10.7783, 15.7702,
7.7860

■ 38.9304, 50.9877,
33.2916

■ 5.9841, 9.3617,
3.8725

■ 54.1221, 69.3389,
47.7770

■ 2.8760, 4.9779,
1.5557

■ 72.8267, 91.6366,
65.9517

■ 1.0885, 2.2343,
0.2589

■ 95.4094, 118.2654,
88.2343

■ 0.0155, 0.7386,
0.0000

122.2356,
149.6097, 115.0434

■ 0.0000, 0.0000,
0.0000

153.6707,

186.0537, 146.7974

190.0799,
227.9820, 183.9149

■ 17.6238, 24.5878,
13.7146

■ 17.6238, 24.5878,
13.7146

■ 15.7652, 23.6970,
10.6173

■ 19.8286, 25.6440,
17.4865

■ 14.2333, 22.9603,
8.1533

■ 22.3942, 26.8701,
21.9677

■ 13.0095, 22.3696,
6.2794


■ 25.3366, 28.2743,
27.1927


■ 12.0723, 21.9150,
4.9461


■ 28.6701, 29.8634,
33.1931


■ 11.3978, 21.5853,
4.0960


■ 32.4084, 31.6438,
39.9987


 10.9481, 21.3638,
3.6098

 36.5646, 33.6216,
47.6377

 10.8948, 21.3377,
3.5444

 41.1511, 35.8027,
56.1370

 46.1798, 38.1926,
65.5224

 51.6621, 40.7966,
75.8183

Harmonies

Analogous

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



20.8201, 24.5878, 9.7734



17.6238, 24.5878, 13.7146



16.0500, 24.5878, 22.1755

Triad

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



17.6238, 24.5878, 13.7146



21.7045, 24.5878, 58.0482



32.3188, 24.5878, 19.8802

Complementary

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



17.6238, 24.5878, 13.7146



19.9028, 15.1966, 29.9026

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.



32.6332, 24.5878, 31.9633



17.6238, 24.5878, 13.7146



26.1200, 24.5878, 56.8456

Square

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



17.6238, 24.5878, 13.7146



18.2013, 24.5878, 49.1472



30.2463, 24.5878, 46.2453



29.4347, 24.5878, 12.4887

Rectangle

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



17.6238, 24.5878, 13.7146



15.9832, 24.5878, 30.4172



30.2463, 24.5878, 46.2453



32.7407, 24.5878, 23.4302

Sweetspot

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



17.6244, 24.5888, 13.7151



42.6894, 48.9256, 44.3861



23.4001, 25.6483, 13.6152



9.6076, 11.1031, 9.8881



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.



17.6244, 24.5888, 13.7151



28.2994, 42.0425, 19.5279



17.7716, 24.5517, 18.8274



5.8008, 6.5052, 6.1903



9.3204, 18.2327, 3.0280



0.1286, 0.2307, 0.0377

Inverse Universe

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



19.9028, 15.1966, 29.9026



32.8777, 23.1003, 52.1606



19.8543, 15.3386, 22.3545



5.9562, 5.8684, 7.2885



12.0884, 5.7044, 24.3950



0.1656, 0.0789, 0.2994

Previews

White Background



This preview shows how the XYZ color 17.6238, 24.5878, 13.7146 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 17.6238, 24.5878, 13.7146 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 17.6238, 24.5878, 13.7146

Background



This preview shows how black text looks on a background with the XYZ color 17.6238, 24.5878, 13.7146.



This preview shows how white text looks on a background with the XYZ color 17.6238, 24.5878,

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

17.6238, 24.5878, 13.7146

Protanopia

22.3763, 24.2029, 12.2964

Deuteranopia

24.7461, 24.3686, 14.2258



Tritanopia

21.6228, 24.6317, 33.3205

Trichromacy



Original Color

17.6238, 24.5878, 13.7146

Protanomaly

20.3455, 24.2066, 12.8325

Deuteranomaly

21.4473, 24.1027, 14.1116

Tritanomaly

19.9464, 24.6224, 24.8204

Monochromacy



Original Color

17.6238, 24.5878, 13.7146

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.0374, 22.3248, 19.2253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6238, 24.5878, 13.7146 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(99, 148, 91)` looks like.

```
.text, #text, p{  
    color:rgb(99, 148, 91)  
}
```

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(99, 148, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 148, 91) }
```

Border

The CSS property to change the border of an element to XYZ 17.6238, 24.5878, 13.7146 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(99, 148, 91) }
```


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

```
.border{ border-color:rgb(99, 148, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 148, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 148, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 148, 91);  
box-shadow:4px 4px 4px 4px rgb(99, 148,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6238, 24.5878, 13.7146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 148, 91) }
```

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

```
.background{ background-color: rgb(99, 148,  
91) }
```

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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