

Converting Colors

XYZ(12.5057, 17.5373, 10.7086)

Have a look what the booklet for
XYZ(12.5057, 17.5373, 10.7086)
contains.

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Color

**XYZ(12.5057, 17.5373,
10.7086)**

Conversions

Conversions Part 1

Format	Color
Hex	517F52
RGB	81, 127, 82
RGB Percent	32%, 50%, 32%
CMY	0.6824, 0.5019, 0.6784
CMYK	0.36, 0.00, 0.35, 0.50
HSL	121°, 22%, 41%
HSV	121°, 36%, 50%
XYZ	12.5057, 17.5373, 10.7086
YIQ	108.1160, -12.9710, -23.7470

Conversions

Conversions Part 2

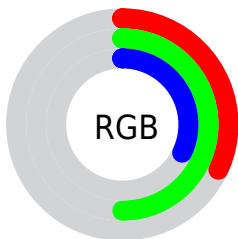
Format	Color
RYB	81, 126, 127
Decimal	5341010
CIELab	48.93, -25.56, 19.63
CIELCh	49, 32.230, 142.479
Yxy	17.5373, 0.3069, 0.4303
Android (android.graphics.Color)	4283531090 (0xFF517F52)
YUV	108.1160, -12.8752, -23.7807
Hunter-Lab	41.8776, -19.9811, 14.1531

Details

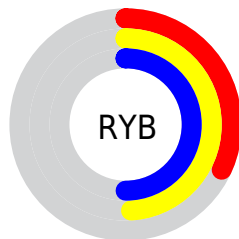
The XYZ color **12.5057, 17.5373, 10.7086** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.4613, 11.9035, 21.2219**, and the grayscale version is **14.3244, 15.0704, 16.4117**.

A 20% lighter version of the original color is **30.0018, 39.2140, 27.8176**, and **3.5680, 5.7422, 2.5894** is the 20% darker color. If you saturate the color by 10%, you get **11.0868, 16.8561, 8.3939**, and if you desaturate by 10%, it is **14.2147, 18.3592, 13.4845**.

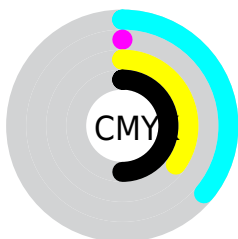
Distribution



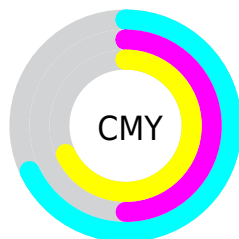
- Red (32%)
- Green (50%)
- Blue (32%)



- Red (32%)
- Yellow (49%)
- Blue (50%)



- Cyan (36%)
- Magenta (0%)
- Yellow (35%)
- Black (50%)



- Cyan (68%)
- Magenta (50%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.5057, 17.5373, 10.7086 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 12.5057, 17.5373, 10.7086 by changing the saturation by 10% instead.

■ 12.5057, 17.5373,
10.7086

■ 12.5057, 17.5373,
10.7086

201.4273,
238.2499, 206.3225

■ 7.1637, 10.6183,
5.7595

■ 30.0218, 39.2473,
27.7484

■ 3.6119, 5.8108,
2.6330

■ 42.9266, 54.8071,
40.6763

■ 1.4850, 2.7304,
0.9094

■ 59.0830, 74.0160,
57.1008

■ 0.3156, 0.9926,
0.0000

■ 78.8564, 97.2583,
77.4405

■ 0.0000, 0.0000,
0.0000

■ 102.6122,
124.9184, 102.1140

130.7157,

157.3808, 131.5398

163.5323,
195.0299, 166.1364

■ 12.5057, 17.5373,
10.7086

■ 12.5057, 17.5373,
10.7086

■ 11.0868, 16.8561,
8.3939

■ 14.2147, 18.3592,
13.4845

■ 9.9407, 16.3057,
6.5144

■ 16.2273, 19.3266,
16.7435

■ 9.0503, 15.8783,
5.0433

■ 18.5576, 20.4471,
20.5075

■ 8.3959, 15.5645,
3.9501

■ 21.2186, 21.7267,
24.7966

■ 7.9551, 15.3534,
3.2006

■ 24.2225, 23.1714,
29.6299

■ 7.6907, 15.2268,
2.7479

■ 27.5808, 24.7867,
35.0255

■ 7.6049, 15.1855,
2.6097

■ 31.3047, 26.5780,
41.0008

■ 35.4046, 28.5504,
47.5722

■ 39.8907, 30.7087,
54.7557

Harmonies

Analogous

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



14.5624, 17.5373, 7.5502



12.5057, 17.5373, 10.7086



11.5865, 17.5373, 17.0167

Triad

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



12.5057, 17.5373, 10.7086



15.9262, 17.5373, 40.5570



22.5762, 17.5373, 13.4579

Complementary

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



12.5057, 17.5373, 10.7086



15.4613, 11.9035, 21.2219

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.



23.0546, 17.5373, 21.3363



12.5057, 17.5373, 10.7086



18.9689, 17.5373, 38.7485

Square

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



12.5057, 17.5373, 10.7086



13.4015, 17.5373, 35.3903



21.6660, 17.5373, 31.0044



20.4279, 17.5373, 8.7739

Rectangle

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



12.5057, 17.5373, 10.7086



11.6545, 17.5373, 22.8852



21.6660, 17.5373, 31.0044



22.9473, 17.5373, 15.7485

Sweetspot

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



12.5062, 17.5380, 10.7090



31.0550, 35.5680, 33.2100



17.7140, 20.2272, 10.7552



7.1631, 8.2757, 7.6014



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



12.5062, 17.5380, 10.7090



20.3687, 30.4317, 15.8736



13.5210, 17.9440, 16.0531



4.2795, 4.8201, 4.6433



7.6693, 15.3143, 2.6314



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.4613, 11.9035, 21.2219



26.4376, 18.8581, 37.4627



14.1553, 11.3811, 14.3446



4.4943, 4.4109, 5.4072



12.5112, 6.0242, 19.8134



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 12.5057, 17.5373, 10.7086 looks on a white background.

Color Contrast Check

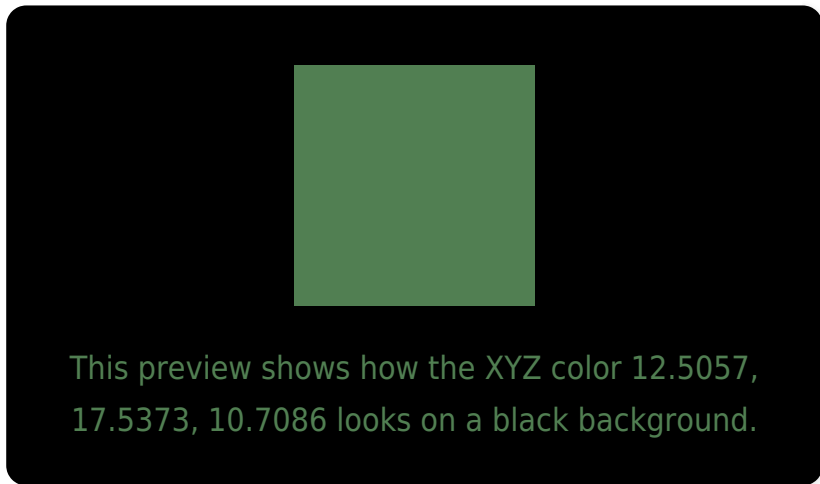
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 12.5057, 17.5373, 10.7086

Background



This preview shows how black text looks on a background with the XYZ color 12.5057, 17.5373, 10.7086.



This preview shows how white text looks on a background with the XYZ color 12.5057, 17.5373,

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

12.5057, 17.5373, 10.7086

Protanopia

16.1891, 17.4622, 9.5385

Deuteranopia

17.6807, 17.3591, 11.2229



Tritanopia

15.1506, 17.4871, 24.0496

Trichromacy



Original Color

12.5057, 17.5373, 10.7086

Protanomaly

14.5582, 17.3125, 9.9715

Deuteranomaly

15.3371, 17.1604, 11.0983

Tritanomaly

13.9941, 17.3844, 18.2407

Monochromacy



Original Color

12.5057, 17.5373, 10.7086

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.4199, 15.7590, 14.1389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.5057, 17.5373, 10.7086 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(81, 127, 82)` looks like.

```
.text, #text, p{  
    color:rgb(81, 127, 82)  
}
```

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(81, 127, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 127, 82) }
```

Border

The CSS property to change the border of an element to XYZ 12.5057, 17.5373, 10.7086 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(81, 127, 82) }
```


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

```
.border{ border-color:rgb(81, 127, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 127, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 127, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 127, 82);  
box-shadow:4px 4px 4px 4px rgb(81, 127,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 12.5057, 17.5373, 10.7086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 127, 82) }
```

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

```
.background{ background-color: rgb(81, 127,  
82) }
```

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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