

Converting Colors

XYZ(10.0962, 12.7097, 8.5650)

Have a look what the booklet for
XYZ(10.0962, 12.7097, 8.5650)
contains.

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Color

**XYZ(10.0802, 12.7009,
8.5768)**

Conversions

Conversions Part 1

Format	Color
Hex	546A4B
RGB	84, 106, 75
RGB Percent	33%, 42%, 29%
CMY	0.6706, 0.5843, 0.7059
CMYK	0.21, 0.00, 0.29, 0.58
HSL	103°, 17%, 35%
HSV	103°, 29%, 42%
XYZ	10.0802, 12.7009, 8.5768
YIQ	95.8880, -3.1610, -14.3050

Conversions

Conversions Part 2

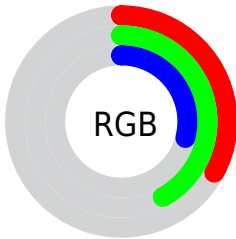
Format	Color
RYB	75, 106, 97
Decimal	5532235
CIELab	42.31, -14.66, 14.80
CIElCh	42, 20.831, 134.730
Yxy	12.7009, 0.3215, 0.4050
Android (android.graphics.Color)	4283722315 (0xFF546A4B)
YUV	95.8880, -10.2978, -10.4258
Hunter-Lab	35.6383, -11.8788, 10.6780

Details

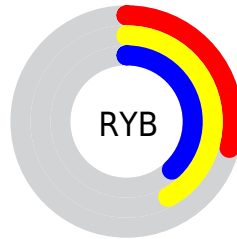
The XYZ color **10.0802, 12.7009, 8.5768** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.0478, 8.6145, 14.7695**, and the grayscale version is **11.1161, 11.6950, 12.7358**.

A 20% lighter version of the original color is **25.5266, 30.6375, 23.6370**, and **2.6106, 3.6389, 1.8611** is the 20% darker color. If you saturate the color by 10%, you get **9.1097, 12.2395, 6.7928**, and if you desaturate by 10%, it is **11.1842, 13.2249, 10.6833**.

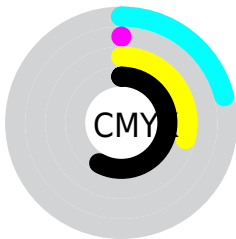
Distribution



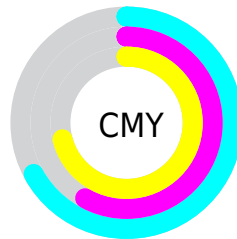
- Red (33%)
- Green (42%)
- Blue (29%)



- Red (29%)
- Yellow (42%)
- Blue (38%)



- Cyan (21%)
- Magenta (0%)
- Yellow (29%)
- Black (58%)



- Cyan (67%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0802, 12.7009, 8.5768 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 10.0802, 12.7009, 8.5768 by changing the saturation by 10% instead.

■ 10.0802, 12.7009,
8.5768

■ 10.0802, 12.7009,
8.5768

185.2852,
208.9918, 190.2890

■ 5.5148, 7.2229,
4.3732

■ 25.5945, 30.7654,
23.6462

■ 2.5902, 3.6019,
1.8322

■ 37.2742, 44.1207,
35.3491

■ 0.9410, 1.4535,
0.4491

■ 52.0561, 60.8705,
50.3889

■ 0.0000, 0.2556,
0.0000

■ 70.3055, 81.3993,
69.1840

■ 0.0000, 0.0000,
0.0000

■ 92.3877, 106.0914,
92.1530

118.6682,

135.3313, 119.7145

149.5122,
169.5033, 152.2870

■ 10.0802, 12.7009,
8.5768

■ 10.0802, 12.7009,
8.5768

■ 9.1097, 12.2395,
6.7928

■ 11.1842, 13.2249,
10.6833

■ 8.2665, 11.8366,
5.3145

■ 12.4256, 13.8121,
13.1261

■ 7.5452, 11.4903,
4.1250

■ 13.8095, 14.4651,
15.9195

■ 6.9397, 11.1979,
3.2053

■ 15.3404, 15.1860,
19.0764

■ 6.4433, 10.9564,
2.5342

■ 17.0224, 15.9767,
22.6094

■ 6.0485, 10.7623,
2.0874

■ 18.8598, 16.8391,
26.5303

■ 5.7340, 10.6069,
1.7681

■ 20.8565, 17.7748,
30.8503

■ 5.7125, 10.5964,
1.7442

■ 23.0161, 18.7857,
35.5803

■ 25.3424, 19.8734,
40.7307

Harmonies

Analogous

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



11.3246, 12.7009, 7.0700



10.0802, 12.7009, 8.5768



9.4015, 12.7009, 11.6864

Triad

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



10.0802, 12.7009, 8.5768



11.2984, 12.7009, 23.8902



15.2137, 12.7009, 11.7565

Complementary

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



10.0802, 12.7009, 8.5768



10.0478, 8.6145, 14.7695

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.



15.2052, 12.7009, 16.2190



10.0802, 12.7009, 8.5768



12.8512, 12.7009, 23.9205

Square

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



10.0802, 12.7009, 8.5768



10.0625, 12.7009, 20.8041



14.3099, 12.7009, 20.8795



14.3323, 12.7009, 8.6186

Rectangle

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



10.0802, 12.7009, 8.5768



9.3207, 12.7009, 14.5501



14.3099, 12.7009, 20.8795



15.3171, 12.7009, 13.1323

Sweetspot

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



10.0805, 12.7014, 8.5771



21.8056, 24.2392, 23.0344



11.4614, 12.0668, 8.3818



5.0491, 5.6502, 5.2785



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



10.0805, 12.7014, 8.5771



16.5205, 21.7338, 12.8871



9.5488, 12.4016, 9.7147



3.1389, 3.4834, 3.3244



7.0577, 13.1336, 2.1631



35.1952, 66.5259, 10.9858

Inverse Universe

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



10.0478, 8.6145, 14.7695



16.4505, 13.3188, 25.6348



10.7510, 9.0129, 13.1795



3.1362, 3.1220, 3.8722



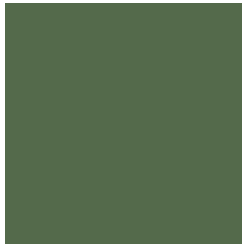
6.8178, 3.1417, 17.1693



33.8475, 15.5486, 87.4434

Previews

White Background



This preview shows how the XYZ color 10.0802, 12.7009, 8.5768 looks on a white background.

Color Contrast Check

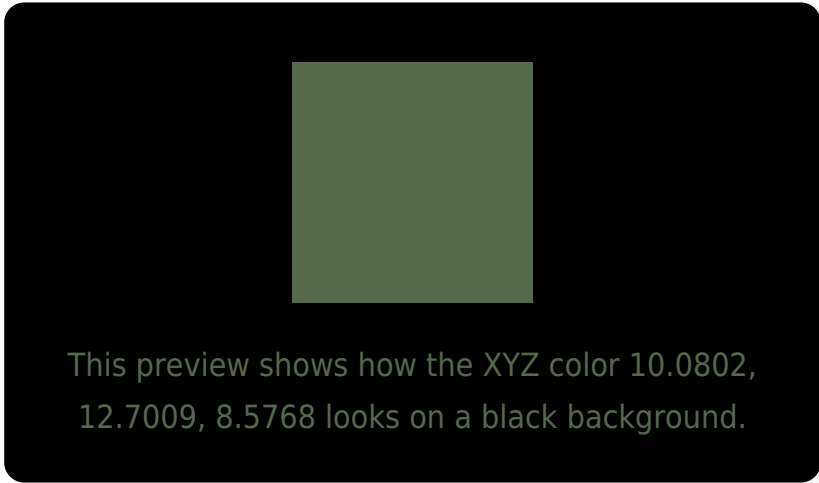
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.0802, 12.7009, 8.5768

Background



This preview shows how black text looks on a background with the XYZ color 10.0802, 12.7009, 8.5768.



This preview shows how white text looks on a background with the XYZ color 10.0802, 12.7009,

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

10.0802, 12.7009, 8.5768

Protanopia

11.7903, 12.7080, 7.9624

Deuteranopia

12.8585, 12.6835, 8.7916



Tritanopia

11.7823, 12.8022, 16.6019

Trichromacy



Original Color

10.0802, 12.7009, 8.5768

Protanomaly

11.0996, 12.6364, 8.1574

Deuteranomaly

11.6874, 12.6394, 8.6611

Tritanomaly

11.0324, 12.6383, 13.1672

Monochromacy



Original Color

10.0802, 12.7009, 8.5768

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.7323, 12.0942, 11.0013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0802, 12.7009, 8.5768 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(84, 106, 75) looks like.

```
.text, #text, p{  
    color:rgb(84, 106, 75)  
}
```

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(84, 106, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 106, 75) }
```

Border

The CSS property to change the border of an element to XYZ 10.0802, 12.7009, 8.5768 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(84, 106, 75) }
```


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

```
.border{ border-color:rgb(84, 106, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 106, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 106, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 106, 75);  
box-shadow:4px 4px 4px 4px rgb(84, 106,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 10.0802, 12.7009, 8.5768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 106, 75) }
```

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

```
.background{ background-color: rgb(84, 106,  
75) }
```

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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