

Converting Colors

XYZ(9.0648, 13.0850, 10.6422)

Have a look what the booklet for
XYZ(9.0648, 13.0850, 10.6422)
contains.

XYZ(9.0648, 13.0850, 10.6422)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(9.0648, 13.0850,
10.6422)**

Conversions

Conversions Part 1

Format	Color
Hex	387055
RGB	56, 112, 85
RGB Percent	22%, 44%, 33%
CMY	0.7804, 0.5608, 0.6667
CMYK	0.50, 0.00, 0.24, 0.56
HSL	151°, 33%, 33%
HSV	151°, 50%, 44%
XYZ	9.0648, 13.0850, 10.6422
YIQ	92.1780, -24.7090, -20.2690

Conversions

Conversions Part 2

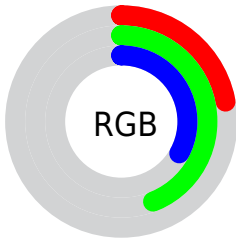
Format	Color
RYB	56, 93, 112
Decimal	3698773
CIELab	42.89, -25.40, 9.41
CIELCh	43, 27.085, 159.672
Yxy	13.0850, 0.2764, 0.3990
Android (android.graphics.Color)	4281888853 (0xFF387055)
YUV	92.1780, -3.5388, -31.7281
Hunter-Lab	36.1732, -18.5720, 7.8780

Details

The XYZ color **9.0648, 13.0850, 10.6422** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **9.6581, 6.8980, 9.0067**, and the grayscale version is **10.2261, 10.7586, 11.7161**.

A 20% lighter version of the original color is **23.7120, 31.4260, 27.7377**, and **2.2164, 3.8200, 2.6280** is the 20% darker color. If you saturate the color by 10%, you get **8.3012, 12.7155, 9.5291**, and if you desaturate by 10%, it is **9.9857, 13.5343, 11.8487**.

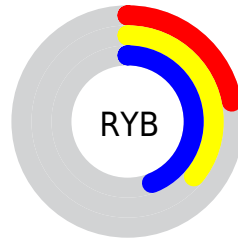
Distribution



Red (22%)

Green (44%)

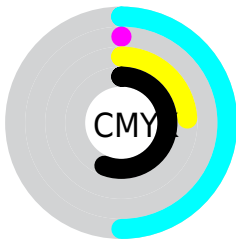
Blue (33%)



Red (22%)

Yellow (36%)

Blue (44%)

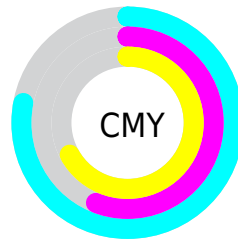


Cyan (50%)

Magenta (0%)

Yellow (24%)

Black (56%)



Cyan (78%)

Magenta (56%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.0648, 13.0850, 10.6422 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 9.0648, 13.0850, 10.6422 by changing the saturation by 10% instead.

■ 9.0648, 13.0850,
10.6422

■ 9.0648, 13.0850,
10.6422

178.0574,
211.4617, 205.8446

■ 4.8409, 7.4871,
5.7157

■ 23.6869, 31.4564,
27.6231

■ 2.1880, 3.7686,
2.6070

■ 34.8159, 44.9987,
40.5145

■ 0.7364, 1.5450,
0.8961

■ 48.9772, 61.9579,
56.8979

■ 0.0000, 0.3201,
0.0000

■ 66.5363, 82.7185,
77.1920

■ 0.0000, 0.0000,
0.0000

■ 87.8585, 107.6647,
101.8151

■ 113.3092,

137.1811, 131.1859

143.2537,
171.6519, 165.7229

■ 9.0648, 13.0850,
10.6422

■ 9.0648, 13.0850,
10.6422

■ 8.3012, 12.7155,
9.5291

■ 9.9857, 13.5343,
11.8487

■ 7.6838, 12.4193,
8.5062

■ 11.0716, 14.0665,
13.1501

■ 7.2022, 12.1912,
7.5712

■ 12.3312, 14.6862,
14.5487

■ 6.8435, 12.0247,
6.7217

■ 13.7722, 15.3974,
16.0466

■ 6.5581, 11.8943,
5.9531

■ 15.4017, 16.2037,
17.6459

■ 6.5581, 11.8943,
5.9530

■ 17.2266, 17.1087,
19.3485

■ 19.2533, 18.1155,
21.1563

■ 21.4879, 19.2275,
23.0712

■ 23.9364, 20.4474,
25.0950

Harmonies

Analogous

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



10.0646, 13.0850, 7.1500



9.0648, 13.0850, 10.6422



8.9107, 13.0850, 16.2500

Triad

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



9.0648, 13.0850, 10.6422



13.1178, 13.0850, 28.7015



15.7598, 13.0850, 8.1378

Complementary

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



9.0648, 13.0850, 10.6422



9.6581, 6.8980, 9.0067

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.



16.7887, 13.0850, 12.4163



9.0648, 13.0850, 10.6422



15.1555, 13.0850, 24.9485

Square

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



9.0648, 13.0850, 10.6422



11.1045, 13.0850, 27.8362



16.5561, 13.0850, 18.5866



13.8718, 13.0850, 6.0072

Rectangle

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



9.0648, 13.0850, 10.6422



9.2886, 13.0850, 20.6697



16.5561, 13.0850, 18.5866



16.2266, 13.0850, 9.3157

Sweetspot

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



9.0652, 13.0855, 10.6425



22.7876, 26.3541, 26.7476



10.0816, 13.7165, 5.8579



5.3769, 6.2832, 6.3236



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



9.0652, 13.0855, 10.6425



14.3953, 22.2470, 16.4465



10.2477, 13.3946, 17.3752



3.4104, 3.7894, 3.9677



7.5697, 13.7454, 6.8206



37.2699, 68.2966, 31.6701

Inverse Universe

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



9.6581, 6.8980, 9.0067



15.5684, 10.0156, 13.2174



8.8562, 6.6503, 4.5585



3.4452, 3.4258, 3.8714



8.4833, 4.2857, 4.3548



41.8270, 21.1761, 19.4188

Previews

White Background



This preview shows how the XYZ color 9.0648, 13.0850, 10.6422 looks on a white background.

Color Contrast Check

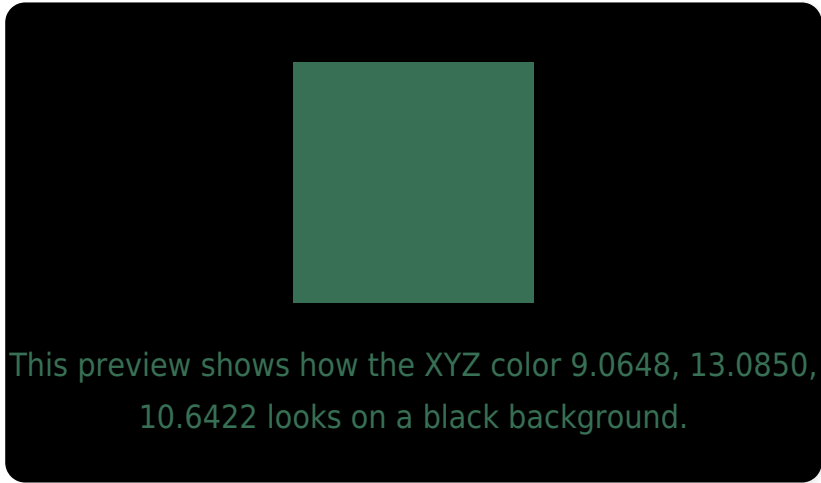
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.0648, 13.0850, 10.6422

Background



This preview shows how black text looks on a background with the XYZ color 9.0648, 13.0850, 10.6422.

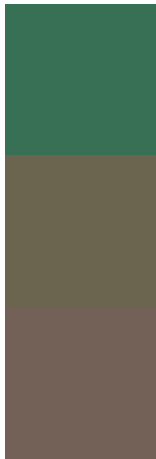


This preview shows how white text looks on a background with the XYZ color 9.0648, 13.0850,

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

9.0648, 13.0850, 10.6422

Protanopia

12.1651, 13.0123, 9.4599

Deuteranopia

13.1064, 12.8988, 11.0315



Tritanopia

10.7534, 13.1333, 18.7978

Trichromacy



Original Color

9.0648, 13.0850, 10.6422

Protanomaly

10.5991, 12.7871, 9.8922

Deuteranomaly

11.0878, 12.5705, 10.8588

Tritanomaly

10.0050, 12.9813, 15.3429

Monochromacy



Original Color

9.0648, 13.0850, 10.6422

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

9.4895, 11.3072, 11.1336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.0648, 13.0850, 10.6422 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(56, 112, 85)` looks like.

```
.text, #text, p{  
    color:rgb(56, 112, 85)  
}
```

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(56, 112, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 112, 85) }
```

Border

The CSS property to change the border of an element to XYZ 9.0648, 13.0850, 10.6422 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(56, 112, 85) }
```


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

```
.border{ border-color:rgb(56, 112, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 112, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 112, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 112, 85);  
box-shadow:4px 4px 4px 4px rgb(56, 112,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 9.0648, 13.0850, 10.6422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 112, 85) }
```

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

```
.background{ background-color: rgb(56, 112,  
85) }
```

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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