

Converting Colors

XYZ(13.0654, 8.8894, 16.4149)

Have a look what the booklet for
XYZ(13.0654, 8.8894, 16.4149)
contains.

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Color

**XYZ(13.0508, 8.8673,
16.3529)**

Conversions

Conversions Part 1

Format	Color
Hex	7D3D70
RGB	125, 61, 112
RGB Percent	49%, 24%, 44%
CMY	0.5098, 0.7608, 0.5608
CMYK	0.00, 0.51, 0.10, 0.51
HSL	312°, 34%, 36%
HSV	312°, 51%, 49%
XYZ	13.0508, 8.8673, 16.3529
YIQ	85.9500, 21.7730, 29.4290

Conversions

Conversions Part 2

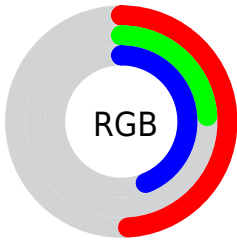
Format	Color
R_{YB}	125, 61, 112
Decimal	8207728
CIE _{Lab}	35.73, 34.99, -17.12
CIE _{LCh}	36, 38.953, 333.920
Yxy	8.8673, 0.3410, 0.2317
Android (android.graphics.Color)	4286397808 (0xFF7D3D70)
YUV	85.9500, 12.8427, 34.2469
Hunter-Lab	29.7780, 26.1196, -11.7151

Details

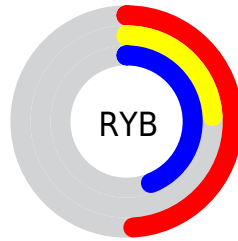
The XYZ color **13.0508, 8.8673, 16.3529** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **10.4945, 16.1540, 9.0441**, and the grayscale version is **8.8054, 9.2640, 10.0885**.

A 20% lighter version of the original color is **30.9757, 23.6329, 38.0510**, and **3.8580, 2.0431, 5.0415** is the 20% darker color. If you saturate the color by 10%, you get **12.3204, 7.6294, 15.4217**, and if you desaturate by 10%, it is **13.9413, 10.4187, 17.3573**.

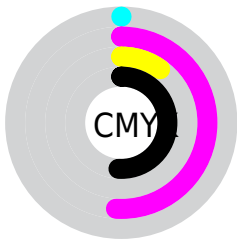
Distribution



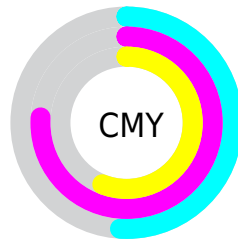
- Red (49%)
- Green (24%)
- Blue (44%)



- Red (49%)
- Yellow (24%)
- Blue (44%)



- Cyan (0%)
- Magenta (51%)
- Yellow (10%)
- Black (51%)



- Cyan (51%)
- Magenta (76%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0508, 8.8673, 16.3529 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 13.0508, 8.8673, 16.3529 by changing the saturation by 10% instead.

13.0508, 8.8673,
16.3529

13.0508, 8.8673,
16.3529

204.8740,
182.3848, 243.3316

7.5408, 4.6547,
9.6172

30.9956, 23.6420,
37.9851

3.8519, 2.0461,
5.0436

44.1610, 34.9729,
53.7186

1.6187, 0.6341,
2.2137

60.6090, 49.4453,
73.2884

0.4045, 0.0000,
0.6822

80.7048, 67.4437,
97.1131

0.0000, 0.0000,
0.0000

104.8139, 89.3525,
125.6113

133.3015,

115.5560, 159.2014

166.5331,
146.4387, 198.3020

■ 13.0508, 8.8673,
16.3529

■ 13.0508, 8.8673,
16.3529

■ 12.3204, 7.6294,
15.4217

■ 13.9413, 10.4187,
17.3573

■ 11.7382, 6.6819,
14.5594

■ 15.0011, 12.3023,
18.4378

■ 11.2922, 6.0003,
13.7618

■ 16.2395, 14.5367,
19.5979

■ 10.9677, 5.5556,
13.0239

■ 17.6649, 17.1387,
20.8405

■ 10.7388, 5.2725,
12.4091

■ 19.2854, 20.1241,
22.1684

■ 21.1083, 23.5078,
23.5842

■ 23.1408, 27.3039,
25.0905

■ 25.3894, 31.5256,
26.6896

■ 27.8607, 36.1859,
28.3837

Harmonies

Analogous

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



11.1412, 8.8673, 24.4174



13.0508, 8.8673, 16.3529



13.6478, 8.8673, 8.8157

Triad

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



13.0508, 8.8673, 16.3529



8.1297, 8.8673, 1.7345



5.2683, 8.8673, 18.5750

Complementary

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



13.0508, 8.8673, 16.3529



10.4945, 16.1540, 9.0441

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.



4.7446, 8.8673, 10.5459



13.0508, 8.8673, 16.3529



6.1956, 8.8673, 2.5022

Square

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



13.0508, 8.8673, 16.3529



10.5230, 8.8673, 2.1669



5.0506, 8.8673, 5.0929



6.6315, 8.8673, 26.0582

Rectangle

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



13.0508, 8.8673, 16.3529



13.1452, 8.8673, 5.3803



5.0506, 8.8673, 5.0929



5.0007, 8.8673, 15.7464

Sweetspot

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



13.0511, 8.8677, 16.3531



30.5285, 28.6684, 36.3749



8.1795, 6.2666, 20.1807



6.8443, 6.3388, 8.1869



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.0511, 8.8677, 16.3531



21.9151, 13.4174, 27.4123



11.5819, 8.2800, 8.6165



4.4619, 4.3979, 5.2369



11.2055, 5.5019, 12.9380



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.0511, 8.8677, 16.3531



21.9151, 13.4174, 27.4123



11.8496, 16.6960, 16.1797



4.4619, 4.3979, 5.2369



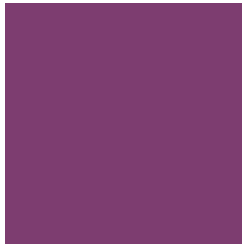
11.2055, 5.5019, 12.9380



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.0508, 8.8673, 16.3529 looks on a white background.

Color Contrast Check

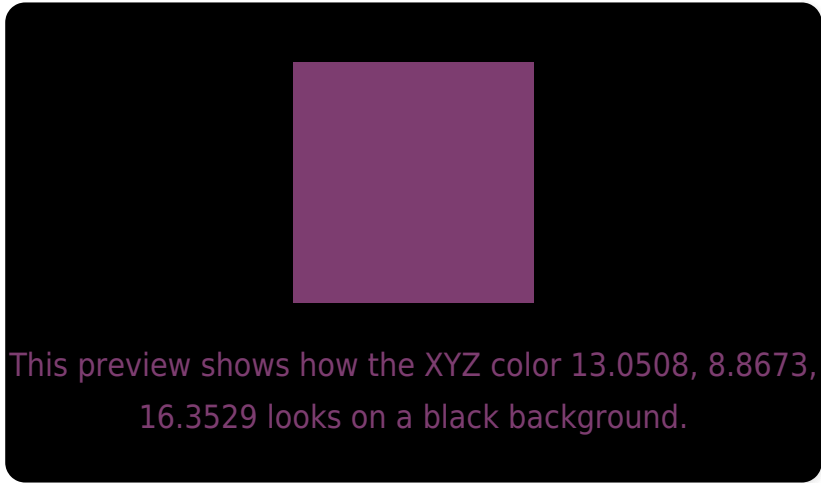
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

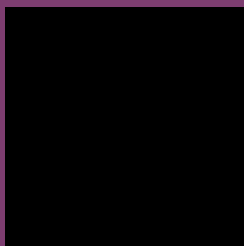
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.0508, 8.8673, 16.3529

Background



This preview shows how black text looks on a background with the XYZ color 13.0508, 8.8673, 16.3529.



This preview shows how white text looks on a background with the XYZ color 13.0508, 8.8673,

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

13.0508, 8.8673, 16.3529

Protanopia

9.4396, 9.0004, 22.0086

Deuteranopia

9.1083, 8.9747, 15.4396



Tritanopia

11.3453, 8.9533, 7.7868

Trichromacy



Original Color

13.0508, 8.8673, 16.3529

Protanomaly

10.2111, 8.5861, 19.8580

Deuteranomaly

10.1003, 8.6231, 15.6001

Tritanomaly

11.7946, 8.8565, 10.3203

Monochromacy



Original Color

13.0508, 8.8673, 16.3529

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

9.9750, 8.8433, 12.0077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0508, 8.8673, 16.3529 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(125, 61, 112)` looks like.

```
.text, #text, p{  
    color:rgb(125, 61, 112)  
}
```

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(125, 61, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 61, 112) }
```

Border

The CSS property to change the border of an element to XYZ 13.0508, 8.8673, 16.3529 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(125, 61, 112) }
```


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

```
.border{ border-color:rgb(125, 61, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 61, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 61, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 61, 112);  
box-shadow:4px 4px 4px 4px rgb(125, 61,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0508, 8.8673, 16.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 61, 112) }
```

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

```
.background{ background-color: rgb(125, 61,  
112) }
```

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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