

Converting Colors

XYZ(10.0348, 5.7569, 13.3798)

Have a look what the booklet for
XYZ(10.0348, 5.7569, 13.3798)
contains.

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Color

**XYZ(10.0904, 5.7682,
13.4135)**

Conversions

Conversions Part 1

Format	Color
Hex	732267
RGB	115, 34, 103
RGB Percent	45%, 13%, 40%
CMY	0.5490, 0.8666, 0.5961
CMYK	0.00, 0.70, 0.10, 0.55
HSL	309°, 54%, 29%
HSV	309°, 70%, 45%
XYZ	10.0904, 5.7682, 13.4135
YIQ	66.0850, 26.1270, 38.6310

Conversions

Conversions Part 2

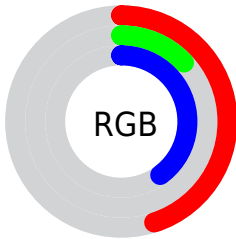
Format	Color
R_{YB}	115, 34, 103
Decimal	7545447
CIE _{Lab}	28.82, 43.56, -22.24
CIE _{LCh}	29, 48.911, 332.955
Yxy	5.7682, 0.3447, 0.1971
Android (android.graphics.Color)	4285735527 (0xFF732267)
YUV	66.0850, 18.1991, 42.8985
Hunter-Lab	24.0171, 32.9641, -16.3014

Details

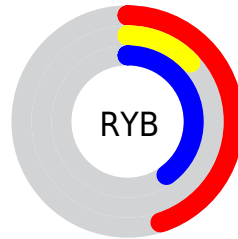
The XYZ color **10.0904, 5.7682, 13.4135** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **7.2838, 12.7989, 4.6718**, and the grayscale version is **5.1618, 5.4306, 5.9139**.

A 20% lighter version of the original color is **25.5227, 17.4237, 32.5898**, and **2.7637, 1.3423, 3.8548** is the 20% darker color. If you saturate the color by 10%, you get **9.7304, 5.1836, 12.8759**, and if you desaturate by 10%, it is **10.5626, 6.5743, 13.9972**.

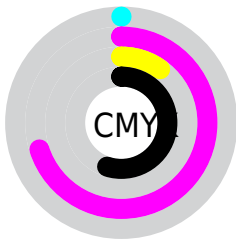
Distribution



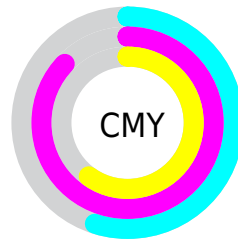
- Red (45%)
- Green (13%)
- Blue (40%)



- Red (45%)
- Yellow (13%)
- Blue (40%)



- Cyan (0%)
- Magenta (70%)
- Yellow (10%)
- Black (55%)



- Cyan (55%)
- Magenta (87%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0904, 5.7682, 13.4135 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 10.0904, 5.7682, 13.4135 by changing the saturation by 10% instead.

10.0904, 5.7682,
13.4135

10.0904, 5.7682,
13.4135

185.3562,
156.9960, 224.8511

5.5217, 2.7046,
7.5798

25.6135, 17.4483,
32.7467

2.5943, 0.9796,
3.7434

37.2986, 26.8336,
47.0833

0.9431, 0.0000,
1.4857

52.0866, 39.0949,
65.0913

0.0000, 0.0000,
0.2072

70.3427, 54.6167,
87.1892

0.0000, 0.0000,
0.0000

92.4324, 73.7833,
113.7956

118.7209, 96.9791,

145.3291

149.5738,
124.5885, 182.2080

10.0904, 5.7682,
13.4135

10.0904, 5.7682,
13.4135

9.7304, 5.1836,
12.8759

10.5626, 6.5743,
13.9972

9.4705, 4.7965,
12.3801

11.1564, 7.6207,
14.6301

9.2730, 4.5260,
11.9308

11.8808, 8.9256,
15.3151

12.7437, 10.5047,
16.0551

13.7526, 12.3729,
16.8526

■ 14.9142, 14.5437,
17.7098

■ 16.2350, 17.0299,
18.6290

■ 17.7210, 19.8436,
19.6121

■ 19.3778, 22.9962,
20.6613

Harmonies

Analogous

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



8.0740, 5.7682, 22.5431



10.0904, 5.7682, 13.4135



10.7812, 5.7682, 5.6857

Triad

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



10.0904, 5.7682, 13.4135



5.2707, 5.7682, 0.0590



2.6781, 5.7682, 15.2578

Complementary

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



10.0904, 5.7682, 13.4135



7.2838, 12.7989, 4.6718

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.



2.2868, 5.7682, 6.9156



10.0904, 5.7682, 13.4135



3.5150, 5.7682, 0.6046

Square

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



10.0904, 5.7682, 13.4135



7.6022, 5.7682, 0.4284



2.5472, 5.7682, 2.2689



3.7987, 5.7682, 24.0150

Rectangle

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



10.0904, 5.7682, 13.4135



10.2802, 5.7682, 2.6832



2.5472, 5.7682, 2.2689



2.4726, 5.7682, 12.1742

Sweetspot

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



10.0906, 5.7685, 13.4136



24.4107, 21.7542, 30.0125



4.7403, 2.9356, 16.5364



5.7269, 5.0105, 7.0851



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



10.0906, 5.7685, 13.4136



17.0895, 8.7749, 22.4451



8.5594, 5.1560, 5.3504



3.8044, 3.7491, 4.4970



10.5950, 5.1717, 13.6074



51.3830, 25.1033, 65.0056

Inverse Universe

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



10.0906, 5.7685, 13.4136



17.0895, 8.7749, 22.4451



8.4423, 13.2623, 10.7723



3.8044, 3.7491, 4.4970



10.5950, 5.1717, 13.6074



51.3830, 25.1033, 65.0056

Previews

White Background



This preview shows how the XYZ color 10.0904, 5.7682, 13.4135 looks on a white background.

Color Contrast Check

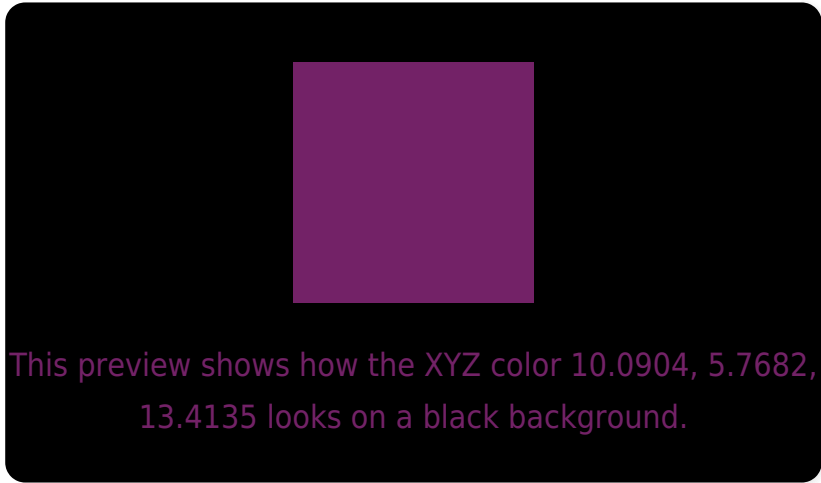
Large Text (above 18pt) WCAG AA ✓ Pass

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

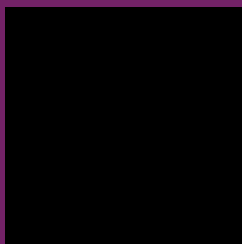
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.0904, 5.7682, 13.4135

Background



This preview shows how black text looks on a background with the XYZ color 10.0904, 5.7682, 13.4135.



This preview shows how white text looks on a background with the XYZ color 10.0904, 5.7682,

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

10.0904, 5.7682, 13.4135

Protanopia

6.7992, 6.0036, 22.6302

Deuteranopia

6.0754, 5.9459, 12.3827



Tritanopia

8.2136, 5.8532, 4.0650

Trichromacy



Original Color

10.0904, 5.7682, 13.4135

Protanomaly

6.8673, 5.1696, 18.7250

Deuteranomaly

6.9389, 5.4107, 12.7352

Tritanomaly

8.7201, 5.7010, 6.6020

Monochromacy



Original Color

10.0904, 5.7682, 13.4135

Achromatopsia

5.1784, 5.4480, 5.9329

Achromatomaly

6.3866, 5.0877, 8.0425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0904, 5.7682, 13.4135 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(115, 34, 103)` looks like.

```
.text, #text, p{  
    color:rgb(115, 34, 103)  
}
```

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(115, 34, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 34, 103) }
```

Border

The CSS property to change the border of an element to XYZ 10.0904, 5.7682, 13.4135 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(115, 34, 103) }
```


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

```
.border{ border-color:rgb(115, 34, 103) }
```

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

Here you see how a box with a 4 pixel rgb(115, 34, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 34, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 34, 103);  
box-shadow:4px 4px 4px 4px rgb(115, 34,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 10.0904, 5.7682, 13.4135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 34, 103) }
```

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

```
.background{ background-color: rgb(115, 34,  
103) }
```

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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