

Converting Colors

XYZ(13.8616, 10.5926, 26.4847)

Have a look what the booklet for
XYZ(13.8616, 10.5926, 26.4847)
contains.

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Color

**XYZ(13.8388, 10.6231,
26.5204)**

Conversions

Conversions Part 1

Format	Color
Hex	6D4E8D
RGB	109, 78, 141
RGB Percent	43%, 31%, 55%
CMY	0.5725, 0.6941, 0.4471
CMYK	0.23, 0.45, 0.00, 0.45
HSL	270°, 29%, 43%
HSV	270°, 45%, 55%
XYZ	13.8388, 10.6231, 26.5204
YIQ	94.4510, -1.7470, 26.1650

Conversions

Conversions Part 2

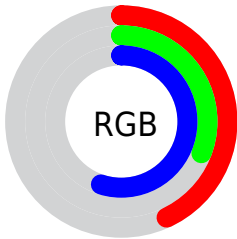
Format	Color
R_{YB}	109, 78, 141
Decimal	7163533
CIE _{Lab}	38.94, 26.24, -30.18
CIE _{LCh}	39, 39.992, 311.002
Yxy	10.6231, 0.2714, 0.2084
Android (android.graphics.Color)	4285353613 (0xFF6D4E8D)
YUV	94.4510, 22.9487, 12.7595
Hunter-Lab	32.5931, 18.7519, -25.4280

Details

The XYZ color **13.8388, 10.6231, 26.5204** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **17.3307, 22.9151, 10.7178**, and the grayscale version is **10.6941, 11.2510, 12.2523**.

A 20% lighter version of the original color is **32.4698, 27.0599, 55.1415**, and **4.1656, 2.7010, 9.9747** is the 20% darker color. If you saturate the color by 10%, you get **12.0970, 8.3943, 26.1822**, and if you desaturate by 10%, it is **15.8680, 13.3194, 26.9341**.

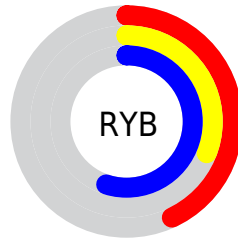
Distribution



Red (43%)

Green (31%)

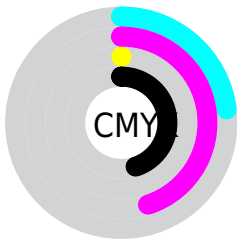
Blue (55%)



Red (43%)

Yellow (31%)

Blue (55%)

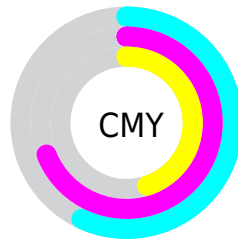


Cyan (23%)

Magenta (45%)

Yellow (0%)

Black (45%)



Cyan (57%)

Magenta (69%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8388, 10.6231, 26.5204 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 13.8388, 10.6231, 26.5204 by changing the saturation by 10% instead.

■ 13.8388, 10.6231,
26.5204

■ 13.8388, 10.6231,
26.5204

209.7564,
195.0632, 299.0138

■ 8.0896, 5.8140,
16.9841

■ 32.3914, 26.9611,
55.1076

■ 4.2046, 2.7323,
10.0613

■ 45.9255, 39.2587,
74.9957

■ 1.8185, 0.9936,
5.3335

■ 62.7852, 54.8214,
99.1714

■ 0.5288, 0.0000,
2.3821

■ 83.3360, 74.0334,
128.0533

■ 0.0000, 0.0000,
0.7767

■ 107.9431, 97.2792,
162.0599

■ 0.0000, 0.0000,
0.0000

136.9720,

124.9432, 201.6099

170.7880,
157.4097, 247.1216

■ 13.8388, 10.6231,
26.5204

■ 13.8388, 10.6231,
26.5204

■ 12.0970, 8.3943,
26.1822

■ 15.8680, 13.3194,
26.9341

■ 10.6258, 6.6031,
25.9140

■ 18.1977, 16.5079,
27.4267

■ 9.4085, 5.2181,
25.7108

■ 20.8415, 20.2134,
28.0026

■ 8.4254, 4.2028,
25.5666

■ 23.8119, 24.4582,
28.6654

■ 7.6514, 3.5100,
25.4737

■ 27.1204, 29.2635,
29.4185

■ 7.2892, 3.2023,
25.4334

■ 30.7783, 34.6494,
30.2653

■ 34.7960, 40.6348,
31.2088

■ 39.1837, 47.2378,
32.2521

■ 43.9510, 54.4758,
33.3979

Harmonies

Analogous

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



11.1050, 10.6231, 32.7316



13.8388, 10.6231, 26.5204



15.7473, 10.6231, 17.0215

Triad

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



13.8388, 10.6231, 26.5204



11.8554, 10.6231, 2.5083



5.8619, 10.6231, 14.5941

Complementary

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



13.8388, 10.6231, 26.5204



17.3307, 22.9151, 10.7178

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.



5.9913, 10.6231, 7.4230



13.8388, 10.6231, 26.5204



9.1518, 10.6231, 2.3223

Square

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



13.8388, 10.6231, 26.5204



14.4705, 10.6231, 4.3714



7.0988, 10.6231, 3.6590



6.7075, 10.6231, 24.0872

Rectangle

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



13.8388, 10.6231, 26.5204



16.1240, 10.6231, 11.3124



7.0988, 10.6231, 3.6590



5.7972, 10.6231, 11.8249

Sweetspot

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



13.8392, 10.6235, 26.5206



38.0329, 37.2043, 50.3045



13.5854, 14.8141, 27.3429



8.2714, 7.9932, 11.1863



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



13.8392, 10.6235, 26.5206



21.5267, 14.8618, 46.8619



18.3392, 12.9434, 26.7312



5.3664, 5.3771, 6.7838



6.6646, 2.9293, 23.1912



0.0890, 0.0411, 0.2229

Inverse Universe

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



16.5237, 12.2377, 16.2434



27.2374, 18.2967, 24.9493



14.1290, 21.2645, 10.5679



5.5160, 5.4669, 6.2152



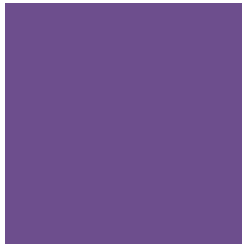
11.0791, 5.5886, 6.0677



0.1170, 0.0579, 0.1166

Previews

White Background



This preview shows how the XYZ color 13.8388, 10.6231, 26.5204 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



This preview shows how the XYZ color 13.8388, 10.6231, 26.5204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

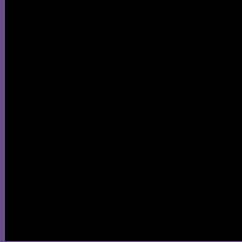
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.8388, 10.6231, 26.5204

Background



This preview shows how black text looks on a background with the XYZ color 13.8388, 10.6231, 26.5204.



This preview shows how white text looks on a background with the XYZ color 13.8388, 10.6231,

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

13.8388, 10.6231, 26.5204

Protanopia

11.6384, 10.7726, 31.1717

Deuteranopia

10.9404, 10.7914, 25.5511



Tritanopia

10.9221, 10.5724, 12.2915

Trichromacy



Original Color

13.8388, 10.6231, 26.5204

Protanomaly

12.1528, 10.5875, 29.4201

Deuteranomaly

11.7246, 10.5653, 25.8475

Tritanomaly

11.8039, 10.4536, 16.7248

Monochromacy



Original Color

13.8388, 10.6231, 26.5204

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.5046, 10.7798, 16.5133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8388, 10.6231, 26.5204 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(109, 78, 141)` looks like.

```
.text, #text, p{  
    color:rgb(109, 78, 141)  
}
```

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(109, 78, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 78, 141) }
```

Border

The CSS property to change the border of an element to XYZ 13.8388, 10.6231, 26.5204 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(109, 78, 141) }
```


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

```
.border{ border-color:rgb(109, 78, 141) }
```

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

Here you see how a box with a 4 pixel rgb(109, 78, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 78, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 78, 141);  
box-shadow:4px 4px 4px 4px rgb(109, 78,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8388, 10.6231, 26.5204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 78, 141) }
```

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

```
.background{ background-color: rgb(109, 78,  
141) }
```

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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