

Converting Colors

XYZ(17.2710, 13.9781, 25.4547)

Have a look what the booklet for
XYZ(17.2710, 13.9781, 25.4547)
contains.

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Color

**XYZ(17.3097, 13.9554,
25.4483)**

Conversions

Conversions Part 1

Format	Color
Hex	815B89
RGB	129, 91, 137
RGB Percent	51%, 36%, 54%
CMY	0.4941, 0.6431, 0.4627
CMYK	0.06, 0.34, 0.00, 0.46
HSL	290°, 20%, 45%
HSV	290°, 34%, 54%
XYZ	17.3097, 13.9554, 25.4483
YIQ	107.6060, 7.8820, 22.3620

Conversions

Conversions Part 2

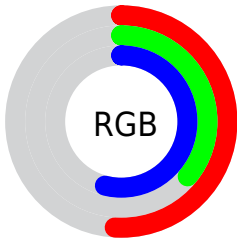
Format	Color
R_{YB}	129, 91, 137
Decimal	8477577
CIE Lab	44.17, 24.06, -19.46
CIE LCh	44, 30.946, 321.044
Yxy	13.9554, 0.3052, 0.2461
Android (android.graphics.Color)	4286667657 (0xFF815B89)
YUV	107.6060, 14.4912, 18.7625
Hunter-Lab	37.3569, 17.3351, -14.2397

Details

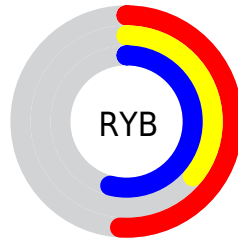
The XYZ color **17.3097, 13.9554, 25.4483** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.9800, 21.2997, 13.1671**, and the grayscale version is **14.1033, 14.8378, 16.1583**.

A 20% lighter version of the original color is **38.6054, 33.1749, 53.6589**, and **5.8454, 4.1517, 9.5101** is the 20% darker color. If you saturate the color by 10%, you get **15.8862, 11.6392, 25.0765**, and if you desaturate by 10%, it is **18.9564, 16.7048, 25.8924**.

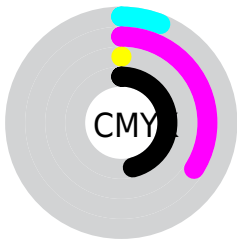
Distribution



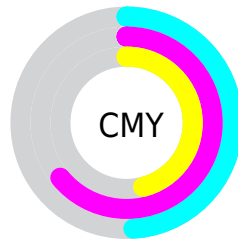
- Red (51%)
- Green (36%)
- Blue (54%)



- Red (51%)
- Yellow (36%)
- Blue (54%)



- Cyan (6%)
- Magenta (34%)
- Yellow (0%)
- Black (46%)



- Cyan (49%)
- Magenta (64%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3097, 13.9554, 25.4483 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 17.3097, 13.9554, 25.4483 by changing the saturation by 10% instead.

■ 17.3097, 13.9554,
25.4483

■ 17.3097, 13.9554,
25.4483

230.0724,
216.9532, 293.5820

■ 10.5522, 8.0897,
16.1893

■ 38.3969, 33.0099,
53.3567

■ 5.8317, 4.1524,
9.5024

■ 53.4573, 46.9674,
72.8432

■ 2.7827, 1.7592,
4.9691

■ 72.0160, 64.3909,
96.5759

■ 1.0399, 0.4615,
2.1707

■ 94.4385, 85.6649,
124.9734

■ 0.0000, 0.0000,
0.6574

121.0900,
111.1738, 158.4542

■ 0.0000, 0.0000,
0.0000

152.3359,

141.3018, 197.4369

188.5416,
176.4335, 242.3400

■ 17.3097, 13.9554,
25.4483

■ 17.3097, 13.9554,
25.4483

■ 15.8862, 11.6392,
25.0765

■ 18.9564, 16.7048,
25.8924

■ 14.6728, 9.7310,
24.7721

■ 20.8357, 19.9072,
26.4115

■ 13.6571, 8.2059,
24.5313

■ 22.9582, 23.5833,
27.0092

■ 12.8250, 7.0355,
24.3492

■ 25.3333, 27.7519,
27.6886

■ 12.1600, 6.1874,
24.2206

■ 27.9701, 32.4310,
28.4528

■ 11.6425, 5.6222,
24.1387

■ 30.8771, 37.6374,
29.3045

■ 11.3480, 5.3285,
24.0976

■ 34.0623, 43.3873,
30.2465

■ 37.5336, 49.6963,
31.2813

■ 41.2984, 56.5792,
32.4114

Harmonies

Analogous

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



15.0433, 13.9554, 31.7477



17.3097, 13.9554, 25.4483



18.5290, 13.9554, 17.4117

Triad

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



17.3097, 13.9554, 25.4483



14.0172, 13.9554, 5.3319



9.3079, 13.9554, 20.6198

Complementary

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



17.3097, 13.9554, 25.4483



15.9800, 21.2997, 13.1671

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.



9.1050, 13.9554, 13.1750



17.3097, 13.9554, 25.4483



11.6312, 13.9554, 5.7092

Square

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



17.3097, 13.9554, 25.4483



16.4790, 13.9554, 6.8839



9.9039, 13.9554, 8.1488



10.4973, 13.9554, 28.4122

Rectangle

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



17.3097, 13.9554, 25.4483



18.4915, 13.9554, 12.7361



9.9039, 13.9554, 8.1488



9.1284, 13.9554, 17.9518

Sweetspot

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



17.3102, 13.9560, 25.4486



38.5381, 37.7619, 47.6408



13.3333, 13.0369, 25.4808



8.5434, 8.2962, 10.6574



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.3102, 13.9560, 25.4486



29.0976, 21.8867, 45.0741



17.5978, 14.2170, 20.3705



5.1500, 5.0857, 6.3161



10.5793, 4.9680, 22.4470



0.0807, 0.0384, 0.1496

Inverse Universe

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



16.3102, 13.7019, 13.5900



27.1041, 21.4049, 20.3191



15.8395, 21.1475, 16.7654



5.0661, 5.0619, 5.4365



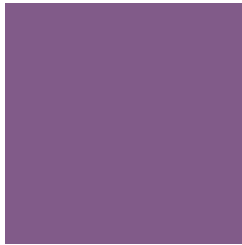
9.7651, 5.0162, 1.2673



0.0687, 0.0349, 0.0286

Previews

White Background



This preview shows how the XYZ color 17.3097, 13.9554, 25.4483 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 17.3097, 13.9554, 25.4483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

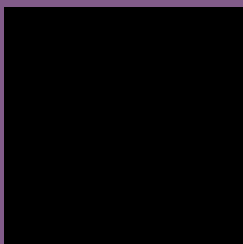
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.3097, 13.9554, 25.4483

Background



This preview shows how black text looks on a background with the XYZ color 17.3097, 13.9554, 25.4483.



This preview shows how white text looks on a background with the XYZ color 17.3097, 13.9554,

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

17.3097, 13.9554, 25.4483

Protanopia

14.4522, 14.0511, 29.1446

Deuteranopia

14.3690, 14.1024, 24.8864



Tritanopia

15.1367, 13.8544, 15.2410

Trichromacy



Original Color

17.3097, 13.9554, 25.4483

Protanomaly

15.2455, 13.9101, 27.8680

Deuteranomaly

15.3362, 14.0163, 25.1897

Tritanomaly

15.9073, 13.9044, 18.6750

Monochromacy



Original Color

17.3097, 13.9554, 25.4483

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.2836, 14.5477, 19.4552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3097, 13.9554, 25.4483 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(129, 91, 137)` looks like.

```
.text, #text, p{  
    color:rgb(129, 91, 137)  
}
```

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(129, 91, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 91, 137) }
```

Border

The CSS property to change the border of an element to XYZ 17.3097, 13.9554, 25.4483 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(129, 91, 137) }
```


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

```
.border{ border-color:rgb(129, 91, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 91, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 91, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 91, 137);  
box-shadow:4px 4px 4px 4px rgb(129, 91,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3097, 13.9554, 25.4483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 91, 137) }
```

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

```
.background{ background-color: rgb(129, 91,  
137) }
```

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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