

Converting Colors

XYZ(18.2926, 13.4437, 25.1772)

Have a look what the booklet for
XYZ(18.2926, 13.4437, 25.1772)
contains.

XYZ(18.3479, 13.4162, 25.2895)	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(18.3479, 13.4162,
25.2895)**

Conversions

Conversions Part 1

Format	Color
Hex	8C5289
RGB	140, 82, 137
RGB Percent	55%, 32%, 54%
CMY	0.4510, 0.6784, 0.4627
CMYK	0.00, 0.41, 0.02, 0.45
HSL	303°, 26%, 44%
HSV	303°, 41%, 55%
XYZ	18.3479, 13.4162, 25.2895
YIQ	105.6120, 16.9130, 29.4010

Conversions

Conversions Part 2

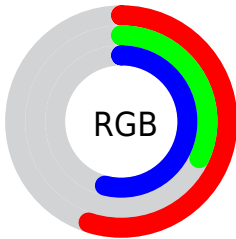
Format	Color
R_{YB}	140, 82, 137
Decimal	9196169
CIE _{Lab}	43.38, 33.01, -20.55
CIE _{LCh}	43, 38.882, 328.088
Yxy	13.4162, 0.3216, 0.2352
Android (android.graphics.Color)	4287386249 (0xFF8C5289)
YUV	105.6120, 15.4743, 30.1583
Hunter-Lab	36.6281, 25.3157, -15.2965

Details

The XYZ color **18.3479, 13.4162, 25.2895** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **14.4980, 21.2064, 11.9242**, and the grayscale version is **13.5499, 14.2555, 15.5243**.

A 20% lighter version of the original color is **40.2972, 32.1387, 53.3697**, and **6.3168, 3.9069, 9.4380** is the 20% darker color. If you saturate the color by 10%, you get **17.3463, 11.4956, 24.7003**, and if you desaturate by 10%, it is **19.5661, 15.7689, 25.9529**.

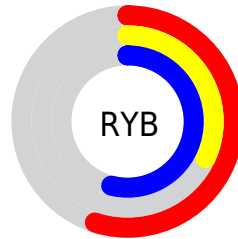
Distribution



Red (55%)

Green (32%)

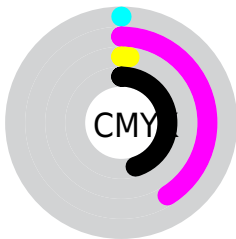
Blue (54%)



Red (55%)

Yellow (32%)

Blue (54%)

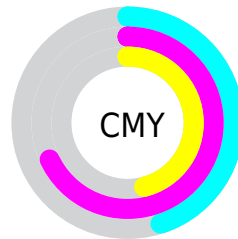


Cyan (0%)

Magenta (41%)

Yellow (2%)

Black (45%)



Cyan (45%)

Magenta (68%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3479, 13.4162, 25.2895 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 18.3479, 13.4162, 25.2895 by changing the saturation by 10% instead.

18.3479, 13.4162,
25.2895

18.3479, 13.4162,
25.2895

235.8326,
213.5681, 292.7703

11.3012, 7.7158,
16.0719

40.1547, 32.0495,
53.0964

6.3386, 3.9136,
9.4201

55.6456, 45.7512,
72.5228

3.0947, 1.6254,
4.9157

74.6819, 62.8887,
96.1892

1.2040, 0.3746,
2.1400

97.6290, 83.8465,
124.5142

0.1095, 0.0000,
0.6394

124.8523,
109.0089, 157.9162

0.0000, 0.0000,
0.0000

156.7170,

138.7604, 196.8139

193.5887,
173.4853, 241.6257

■ 18.3479, 13.4162,
25.2895

■ 18.3479, 13.4162,
25.2895

■ 17.3463, 11.4956,
24.7003

■ 19.5661, 15.7689,
25.9529

■ 16.5469, 9.9790,
24.1800

■ 21.0117, 18.5762,
26.6937

■ 15.9353, 8.8378,
23.7241

■ 22.6964, 21.8609,
27.5159

■ 15.4952, 8.0386,
23.3271

■ 24.6305, 25.6440,
28.4230

■ 15.2068, 7.5425,
22.9823

■ 26.8239, 29.9451,
29.4183

■ 15.0323, 7.2623,
22.7123

■ 29.2859, 34.7828,
30.5048

■ 32.0253, 40.1748,
31.6855

■ 35.0505, 46.1379,
32.9633

■ 38.3697, 52.6883,
34.3408

Harmonies

Analogous

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



15.6881, 13.4162, 34.7586



18.3479, 13.4162, 25.2895



19.4859, 13.4162, 15.1702

Triad

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



18.3479, 13.4162, 25.2895



12.9465, 13.4162, 3.4891



8.2814, 13.4162, 23.9284

Complementary

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



18.3479, 13.4162, 25.2895



14.4980, 21.2064, 11.9242

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.



7.7810, 13.4162, 14.0598



18.3479, 13.4162, 25.2895



10.2067, 13.4162, 4.2953

Square

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



18.3479, 13.4162, 25.2895



16.0767, 13.4162, 4.5455



8.4276, 13.4162, 7.4584



9.9200, 13.4162, 33.7786

Rectangle

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



18.3479, 13.4162, 25.2895



19.1116, 13.4162, 10.0261



8.4276, 13.4162, 7.4584



7.9871, 13.4162, 20.4084

Sweetspot

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



18.3483, 13.4168, 25.2898



39.7524, 38.0299, 48.3859



11.4888, 9.8554, 26.1081



9.0801, 8.6072, 11.1109



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.



18.3483, 13.4168, 25.2898



30.6412, 20.3801, 43.5837



16.5452, 12.6955, 15.7944



5.2229, 5.1246, 6.2621



13.3590, 6.4537, 20.1925



0.0903, 0.0435, 0.1425

Inverse Universe

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



18.3483, 13.4168, 25.2898



30.6412, 20.3801, 43.5837



15.8899, 21.7631, 19.2536



5.2229, 5.1246, 6.2621



13.3590, 6.4537, 20.1925



0.0903, 0.0435, 0.1425

Previews

White Background



This preview shows how the XYZ color 18.3479, 13.4162, 25.2895 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

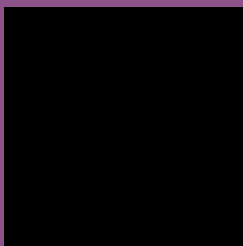
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.3479, 13.4162, 25.2895

Background



This preview shows how black text looks on a background with the XYZ color 18.3479, 13.4162, 25.2895.



This preview shows how white text looks on a background with the XYZ color 18.3479, 13.4162,

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

18.3479, 13.4162, 25.2895

Protanopia

14.1589, 13.5528, 31.5755

Deuteranopia

13.8865, 13.5700, 24.4416



Tritanopia

15.8904, 13.4961, 13.0768

Trichromacy



Original Color

18.3479, 13.4162, 25.2895

Protanomaly

15.2130, 13.1762, 29.3452

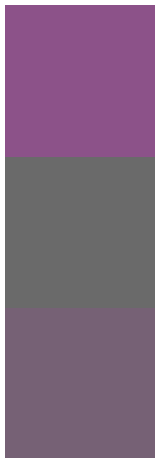
Deuteranomaly

15.1859, 13.2654, 24.6818

Tritanomaly

16.7309, 13.4677, 17.0469

Monochromacy



Original Color

18.3479, 13.4162, 25.2895

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.9568, 13.6853, 18.6828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3479, 13.4162, 25.2895 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(140, 82, 137)` looks like.

```
.text, #text, p{  
    color:rgb(140, 82, 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(140, 82, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 82, 137) }
```

Border

The CSS property to change the border of an element to XYZ 18.3479, 13.4162, 25.2895 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(140, 82, 137) }
```


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

```
.border{ border-color:rgb(140, 82, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 82, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 82, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 82, 137); box-shadow:4px 4px 4px 4px rgb(140, 82, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3479, 13.4162, 25.2895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 82, 137) }
```

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

```
.background{ background-color: rgb(140, 82,  
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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