

Converting Colors

XYZ(25.6950, 13.8927, 19.3719)

Have a look what the booklet for
XYZ(25.6950, 13.8927, 19.3719)
contains.

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Color

**XYZ(25.6302, 13.8431,
19.4103)**

Conversions

Conversions Part 1

Format	Color
Hex	BF2679
RGB	191, 38, 121
RGB Percent	75%, 15%, 47%
CMY	0.2510, 0.8509, 0.5255
CMYK	0.00, 0.80, 0.37, 0.25
HSL	327°, 67%, 45%
HSV	327°, 80%, 75%
XYZ	25.6302, 13.8431, 19.4103
YIQ	93.2090, 64.5450, 58.2490

Conversions

Conversions Part 2

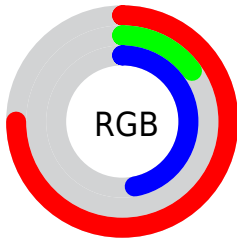
Format	Color
R_{YB}	191, 38, 121
Decimal	12527225
CIE Lab	44.01, 64.38, -9.10
CIE LCh	44, 65.018, 351.954
Yxy	13.8431, 0.4353, 0.2351
Android (android.graphics.Color)	4290717305 (0xFFBF2679)
YUV	93.2090, 13.7010, 85.7627
Hunter-Lab	37.2063, 57.8517, -4.8868

Details

The XYZ color **25.6302, 13.8431, 19.4103** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **22.1380, 38.7569, 20.5047**, and the grayscale version is **10.4130, 10.9553, 11.9303**.

A 20% lighter version of the original color is **51.8837, 32.6407, 43.1009**, and **10.7183, 5.3866, 6.7781** is the 20% darker color. If you saturate the color by 10%, you get **24.6565, 12.7148, 16.5603**, and if you desaturate by 10%, it is **26.9664, 15.6185, 22.6209**.

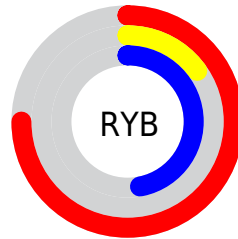
Distribution



Red (75%)

Green (15%)

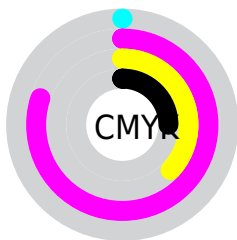
Blue (47%)



Red (75%)

Yellow (15%)

Blue (47%)

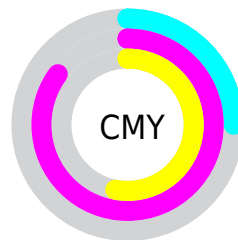


Cyan (0%)

Magenta (80%)

Yellow (37%)

Black (25%)



Cyan (25%)


Magenta (85%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6302, 13.8431, 19.4103 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 25.6302, 13.8431, 19.4103 by changing the saturation by 10% instead.


 25.6302, 13.8431,
19.4103


 25.6302, 13.8431,
19.4103


273.2521,
216.2526, 261.2024


 16.6784, 8.0116,
11.7873


 52.1133, 32.8104,
43.2722

 10.0994, 4.1024,
6.4783


 70.3754, 46.7150,
60.3481


 5.5277, 1.7310,
3.0646

 92.4716, 64.0794,
81.4122

 2.5980, 0.4436,
1.1277

 118.7673, 85.2880,
106.8828

 0.9449, 0.0000,
0.0000

 149.6278,
110.7252, 137.1786

 0.0000, 0.0000,
0.0000

 185.4186,

140.7755, 172.7181

226.5049,
175.8231, 213.9199

■ 25.6302, 13.8431,
19.4103

■ 25.6302, 13.8431,
19.4103

■ 24.6565, 12.7148,
16.5603

■ 26.9664, 15.6185,
22.6209

■ 23.9647, 12.0679,
14.0588

■ 28.7072, 18.1234,
26.2120

■ 30.8899, 21.4306,
30.2020

■ 33.5469, 25.6030,
34.6073

■ 36.7076, 30.6976,
39.4432

■ 40.3988, 36.7661,
44.7239

■ 44.6453, 43.8566,
50.4629

■ 49.4703, 52.0139,
56.6730

■ 54.8957, 61.2801,
63.3663

Harmonies

Analogous

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



22.6203, 13.8431, 40.2441



25.6302, 13.8431, 19.4103



24.6725, 13.8431, 6.7495

Triad

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



25.6302, 13.8431, 19.4103



9.7856, 13.8431, 1.0941



7.9408, 13.8431, 50.3534

Complementary

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



25.6302, 13.8431, 19.4103



22.1380, 38.7569, 20.5047

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.



5.9335, 13.8431, 28.3882



25.6302, 13.8431, 19.4103



6.7883, 13.8431, 3.4669

Square

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



25.6302, 13.8431, 19.4103



14.5957, 13.8431, 0.8038



5.5753, 13.8431, 11.4350



11.8169, 13.8431, 64.3489

Rectangle

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



25.6302, 13.8431, 19.4103



22.0018, 13.8431, 2.9390



5.5753, 13.8431, 11.4350



7.0719, 13.8431, 43.1692

Sweetspot

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



25.6306, 13.8439, 19.4105



69.4047, 60.9756, 75.9522



16.1437, 8.2655, 50.0348



14.7254, 12.5442, 15.9361



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



25.6306, 13.8439, 19.4105



43.2272, 21.9080, 26.2624



22.6659, 12.6580, 3.7985



9.7408, 9.6206, 11.0238



15.7903, 7.9473, 9.4555



0.6512, 0.3244, 0.5423

Inverse Universe

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



25.6306, 13.8439, 19.4105



43.2272, 21.9080, 26.2624



28.0144, 41.1075, 51.4494



9.7408, 9.6206, 11.0238



15.7903, 7.9473, 9.4555



0.6512, 0.3244, 0.5423

Previews

White Background



This preview shows how the XYZ color 25.6302, 13.8431, 19.4103 looks on a white background.

Color Contrast Check

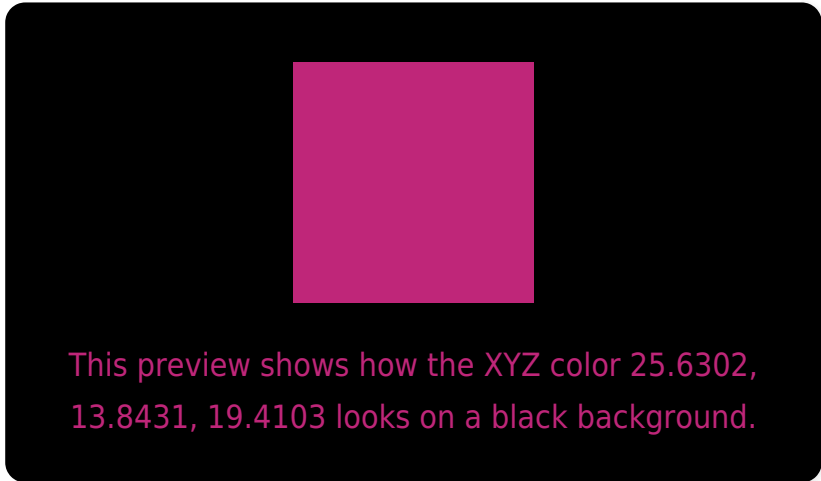
Large Text (above 18pt) WCAG AA ✓ Pass

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

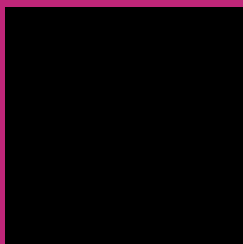
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.6302, 13.8431, 19.4103

Background



This preview shows how black text looks on a background with the XYZ color 25.6302, 13.8431, 19.4103.



This preview shows how white text looks on a background with the XYZ color 25.6302, 13.8431,

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

25.6302, 13.8431, 19.4103

Protanopia

15.1184, 14.2198, 37.0698

Deuteranopia

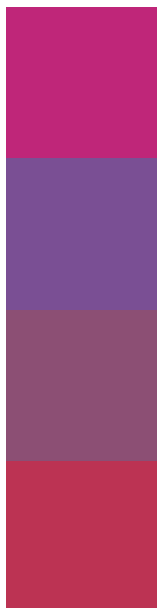
14.2876, 14.0745, 17.5864



Tritanopia

22.8489, 13.9278, 5.8989

Trichromacy



Original Color

25.6302, 13.8431, 19.4103

Protanomaly

16.1673, 11.8677, 29.4555

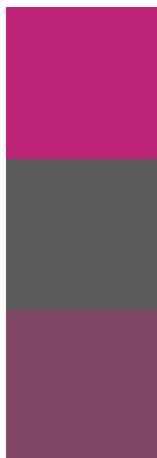
Deuteranomaly

16.7636, 12.4284, 18.0384

Tritanomaly

23.4842, 13.6836, 9.5870

Monochromacy



Original Color

25.6302, 13.8431, 19.4103

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

13.8840, 10.4115, 14.1098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6302, 13.8431, 19.4103 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(191, 38, 121)` looks like.

```
.text, #text, p{  
    color:rgb(191, 38, 121)  
}
```

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(191, 38, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 38, 121) }
```

Border

The CSS property to change the border of an element to XYZ 25.6302, 13.8431, 19.4103 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(191, 38, 121) }
```


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

```
.border{ border-color:rgb(191, 38, 121) }
```

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

Here you see how a box with a 4 pixel rgb(191, 38, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 38, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 38, 121);  
box-shadow:4px 4px 4px 4px rgb(191, 38,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6302, 13.8431, 19.4103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 38, 121) }
```

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

```
.background{ background-color: rgb(191, 38,  
121) }
```

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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