

Converting Colors

XYZ(17.1555, 10.5901, 26.0476)

Have a look what the booklet for
XYZ(17.1555, 10.5901, 26.0476)
contains.

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Color

**XYZ(17.1128, 10.5968,
25.9544)**

Conversions

Conversions Part 1

Format	Color
Hex	8C3B8C
RGB	140, 59, 140
RGB Percent	55%, 23%, 55%
CMY	0.4510, 0.7686, 0.4510
CMYK	0.00, 0.58, 0.00, 0.45
HSL	300°, 41%, 39%
HSV	300°, 58%, 55%
XYZ	17.1128, 10.5968, 25.9544
YIQ	92.4530, 22.2750, 42.3630

Conversions

Conversions Part 2

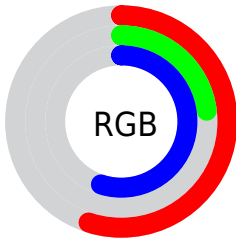
Format	Color
R_{YB}	140, 59, 140
Decimal	9190284
CIE _{Lab}	38.89, 45.73, -29.36
CIE _{LCh}	39, 54.344, 327.293
Yxy	10.5968, 0.3189, 0.1975
Android (android.graphics.Color)	4287380364 (0xFF8C3B8C)
YUV	92.4530, 23.4407, 41.6987
Hunter-Lab	32.5527, 36.8693, -24.4852

Details

The XYZ color **17.1128, 10.5968, 25.9544** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **11.9716, 20.0022, 7.3681**, and the grayscale version is **10.2215, 10.7538, 11.7109**.

A 20% lighter version of the original color is **38.1870, 26.9997, 54.2377**, and **5.7337, 2.7475, 9.6793** is the 20% darker color. If you saturate the color by 10%, you get **16.4875, 9.3460, 25.7460**, and if you desaturate by 10%, it is **17.9318, 12.2345, 26.2275**.

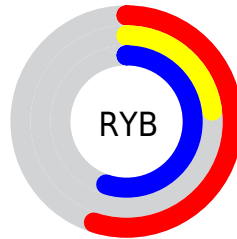
Distribution



Red (55%)

Green (23%)

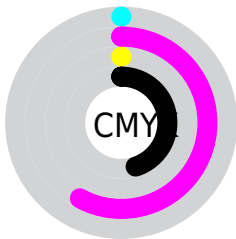
Blue (55%)



Red (55%)

Yellow (23%)

Blue (55%)

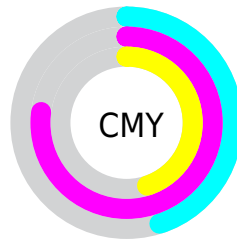


Cyan (0%)

Magenta (58%)

Yellow (0%)

Black (45%)



Cyan (45%)


Magenta (77%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.1128, 10.5968, 25.9544 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 17.1128, 10.5968, 25.9544 by changing the saturation by 10% instead.


 17.1128, 10.5968,
25.9544


 17.1128, 10.5968,
25.9544


228.9652,
194.8801, 296.1565


 10.4108, 5.7964,
16.5641


 38.0617, 26.9121,
54.1846


 5.7365, 2.7217,
9.7655


 53.0392, 39.1959,
73.8615

 2.7246, 0.9882,
5.1402


 71.5059, 54.7428,
97.8043

 1.0099, 0.0000,
2.2696

 93.8272, 73.9374,
126.4316

 0.0000, 0.0000,
0.7141

 120.3685, 97.1641,
160.1620

 0.0000, 0.0000,
0.0000

 151.4949,

124.8071, 199.4139

187.5721,
157.2510, 244.6059

■ 17.1128, 10.5968,
25.9544

■ 17.1128, 10.5968,
25.9544

■ 16.4875, 9.3460,
25.7460

■ 17.9318, 12.2345,
26.2275

■ 16.0391, 8.4491,
25.5965

■ 18.9575, 14.2860,
26.5695

■ 15.7495, 7.8700,
25.5000

■ 20.2031, 16.7771,
26.9847

■ 15.5816, 7.5342,
25.4439

■ 21.6802, 19.7313,
27.4771

■ 15.5490, 7.4690,
25.4331

■ 23.3999, 23.1706,
28.0504

■ 25.3721, 27.1151,
28.7078

■ 27.6068, 31.5844,
29.4527

■ 30.1128, 36.5964,
30.2881

■ 32.8990, 42.1688,
31.2169

Harmonies

Analogous

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



13.6011, 10.5968, 39.7468



17.1128, 10.5968, 25.9544



18.7162, 10.5968, 12.5025

Triad

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



17.1128, 10.5968, 25.9544



10.4033, 10.5968, 0.8930



5.0778, 10.5968, 23.2620

Complementary

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



17.1128, 10.5968, 25.9544



11.9716, 20.0022, 7.3681

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.



4.6085, 10.5968, 10.6247



17.1128, 10.5968, 25.9544



7.2131, 10.5968, 1.3552

Square

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



17.1128, 10.5968, 25.9544



14.3065, 10.5968, 1.5930



5.2882, 10.5968, 3.7860



6.7681, 10.5968, 37.6440

Rectangle

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



17.1128, 10.5968, 25.9544



18.2575, 10.5968, 6.5810



5.2882, 10.5968, 3.7860



4.7926, 10.5968, 18.5121

Sweetspot

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



17.1132, 10.5973, 25.9546



38.3631, 35.0675, 48.4896



8.1017, 5.9517, 25.5331



8.7283, 7.8573, 11.1360



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.



17.1132, 10.5973, 25.9546



28.8336, 16.0085, 45.3127



14.6557, 9.6143, 13.0140



5.2339, 5.1290, 6.3200



13.8158, 6.6364, 22.5981



0.0918, 0.0441, 0.1501

Inverse Universe

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



17.1132, 10.5973, 25.9546



28.8336, 16.0085, 45.3127



13.4583, 20.5969, 15.1969



5.2339, 5.1290, 6.3200



13.8158, 6.6364, 22.5981



0.0918, 0.0441, 0.1501

Previews

White Background



This preview shows how the XYZ color 17.1128, 10.5968, 25.9544 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

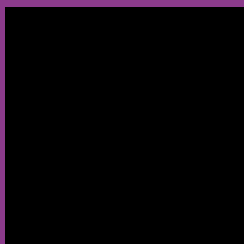
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.1128, 10.5968, 25.9544

Background



This preview shows how black text looks on a background with the XYZ color 17.1128, 10.5968, 25.9544.



This preview shows how white text looks on a background with the XYZ color 17.1128, 10.5968,

25.9544.

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

17.1128, 10.5968, 25.9544

Protanopia

12.2454, 10.9238, 38.5089

Deuteranopia

11.0319, 10.8714, 24.0712



Tritanopia

13.6741, 10.6128, 9.1123

Trichromacy



Original Color

17.1128, 10.5968, 25.9544

Protanomaly

12.7138, 9.9919, 33.6063

Deuteranomaly

12.4582, 10.1675, 24.5985

Tritanomaly

14.6797, 10.4498, 13.8137

Monochromacy



Original Color

17.1128, 10.5968, 25.9544

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

11.9357, 10.0927, 15.7870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1128, 10.5968, 25.9544 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, 59, 140)` looks like.

```
.text, #text, p{  
    color:rgb(140, 59, 140)  
}
```

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, 59, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 59, 140) }
```

Border

The CSS property to change the border of an element to XYZ 17.1128, 10.5968, 25.9544 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, 59, 140) }
```


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

```
.border{ border-color:rgb(140, 59, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 59, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 59, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 59, 140);  
box-shadow:4px 4px 4px 4px rgb(140, 59,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1128, 10.5968, 25.9544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 59, 140) }
```

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

```
.background{ background-color: rgb(140, 59,  
140) }
```

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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