

Converting Colors

XYZ(24.5380, 18.5411, 28.6633)

Have a look what the booklet for
XYZ(24.5380, 18.5411, 28.6633)
contains.

XYZ(24.5060, 18.5355, 28.6717)	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(24.5060, 18.5355,
28.6717)**

Conversions

Conversions Part 1

Format	Color
Hex	A36290
RGB	163, 98, 144
RGB Percent	64%, 38%, 56%
CMY	0.3608, 0.6157, 0.4353
CMYK	0.00, 0.40, 0.12, 0.36
HSL	318°, 26%, 51%
HSV	318°, 40%, 64%
XYZ	24.5060, 18.5355, 28.6717
YIQ	122.6790, 23.9740, 28.0860

Conversions

Conversions Part 2

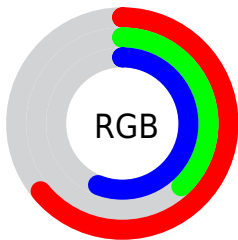
Format	Color
RYB	163, 98, 144
Decimal	10707600
CIELab	50.14, 33.15, -14.16
CIELCh	50, 36.049, 336.873
Yxy	18.5355, 0.3417, 0.2585
Android (android.graphics.Color)	4288897680 (0xFFA36290)
YUV	122.6790, 10.5113, 35.3615
Hunter-Lab	43.0529, 26.2609, -9.3480

Details

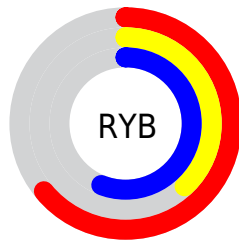
The XYZ color **24.5060, 18.5355, 28.6717** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.3459, 30.0760, 21.5111**, and the grayscale version is **18.6826, 19.6555, 21.4049**.

A 20% lighter version of the original color is **50.3128, 40.9500, 58.6784**, and **9.5491, 6.3198, 11.3062** is the 20% darker color. If you saturate the color by 10%, you get **22.7769, 15.6476, 26.3364**, and if you desaturate by 10%, it is **26.5622, 22.0524, 31.1923**.

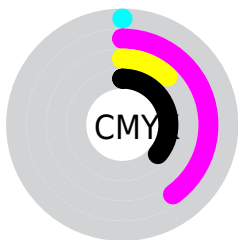
Distribution



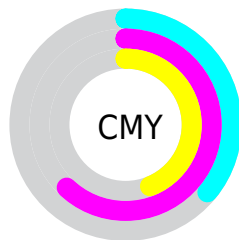
- Red (64%)
- Green (38%)
- Blue (56%)



- Red (64%)
- Yellow (38%)
- Blue (56%)



- Cyan (0%)
- Magenta (40%)
- Yellow (12%)
- Black (36%)





- Cyan (36%)
- Magenta (62%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.5060, 18.5355, 28.6717 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 24.5060, 18.5355, 28.6717 by changing the saturation by 10% instead.

 24.5060, 18.5355,
28.6717


 24.5060, 18.5355,
28.6717


267.7620,
243.8723, 309.6751


 15.8362, 11.3351,
18.5892


 50.3034, 40.9477,
58.5910


 9.4984, 6.2927,
11.2000


 68.1616, 56.9283,
79.2649

 5.1274, 3.0239,
6.0857

 89.8133, 76.6045,
104.3063

 2.3577, 1.1442,
2.8276

 115.6239,
100.3606, 134.1338

 0.8240, 0.0154,
1.0073

145.9587,
128.5811, 169.1658

 0.0000, 0.0000,
0.0000

181.1831,

161.6502, 209.8210

221.6624,
199.9525, 256.5180

■ 24.5060, 18.5355,
28.6717

■ 24.5060, 18.5355,
28.6717

■ 22.7769, 15.6476,
26.3364

■ 26.5622, 22.0524,
31.1923

■ 21.3540, 13.3481,
24.1778

■ 28.9613, 26.2305,
33.9038

■ 20.2166, 11.5957,
22.1885

■ 31.7203, 31.1031,
36.8129

■ 19.3408, 10.3426,
20.3593

■ 34.8542, 36.7001,
39.9255

■ 18.6981, 9.5326,
18.6799

■ 38.3774, 43.0500,
43.2472

■ 18.2249, 9.0383,
17.1281

■ 42.3035, 50.1796,
46.7835

■ 18.2192, 9.0325,
17.1092

■ 46.6453, 58.1143,
50.5394

■ 51.4152, 66.8786,
54.5199

■ 56.6249, 76.4958,
58.7298

Harmonies

Analogous

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



21.9396, 18.5355, 39.6920



24.5060, 18.5355, 28.6717



25.1205, 18.5355, 17.9770

Triad

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



24.5060, 18.5355, 28.6717



16.8297, 18.5355, 6.5195



12.7937, 18.5355, 33.9834

Complementary

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



24.5060, 18.5355, 28.6717



21.3459, 30.0760, 21.5111

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.



11.7804, 18.5355, 22.5603



24.5060, 18.5355, 28.6717



13.9038, 18.5355, 8.4162

Square

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



24.5060, 18.5355, 28.6717



20.3749, 18.5355, 7.2013



12.1583, 18.5355, 13.5592



15.1207, 18.5355, 43.3973

Rectangle

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



24.5060, 18.5355, 28.6717



24.2766, 18.5355, 12.7077



12.1583, 18.5355, 13.5592



12.3031, 18.5355, 30.1289

Sweetspot

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



24.5066, 18.5364, 28.6721



55.5888, 53.5396, 64.6730



18.2374, 15.1223, 36.6084



12.3458, 11.7783, 14.3803



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.5066, 18.5364, 28.6721



41.0713, 28.4849, 47.5636



22.4019, 17.6945, 17.5892



7.2757, 7.1667, 8.4380



14.1800, 7.0281, 13.4045



0.3170, 0.1553, 0.3817

Inverse Universe

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



24.5066, 18.5364, 28.6721



41.0713, 28.4849, 47.5636



23.5530, 30.9589, 33.1338



7.2757, 7.1667, 8.4380



14.1800, 7.0281, 13.4045



0.3170, 0.1553, 0.3817

Previews

White Background



This preview shows how the XYZ color 24.5060, 18.5355, 28.6717 looks on a white background.

Color Contrast Check

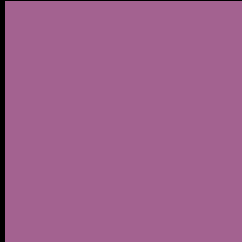
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 24.5060, 18.5355, 28.6717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

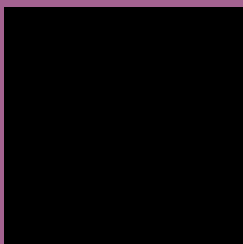
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5060, 18.5355, 28.6717

Background



This preview shows how black text looks on a background with the XYZ color 24.5060, 18.5355, 28.6717.



This preview shows how white text looks on a background with the XYZ color 24.5060, 18.5355,

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

24.5060, 18.5355, 28.6717

Protanopia

18.9567, 18.6767, 34.9536

Deuteranopia

19.0542, 18.7106, 27.8065



Tritanopia

22.1730, 18.4414, 17.7201

Trichromacy



Original Color

24.5060, 18.5355, 28.6717

Protanomaly

20.4875, 18.3359, 32.5964

Deuteranomaly

20.6118, 18.3391, 28.0446

Tritanomaly

22.8867, 18.4316, 21.4202

Monochromacy



Original Color

24.5060, 18.5355, 28.6717

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.5953, 19.0766, 24.0694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5060, 18.5355, 28.6717 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(163, 98, 144)` looks like.

```
.text, #text, p{  
    color:rgb(163, 98, 144)  
}
```

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(163, 98, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 98, 144) }
```

Border

The CSS property to change the border of an element to XYZ 24.5060, 18.5355, 28.6717 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(163, 98, 144) }
```


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

```
.border{ border-color:rgb(163, 98, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 98, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 98, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 98, 144);  
box-shadow:4px 4px 4px 4px rgb(163, 98,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5060, 18.5355, 28.6717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 98, 144) }
```

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

```
.background{ background-color: rgb(163, 98,  
144) }
```

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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