

Converting Colors

XYZ(24.5355, 17.3449, 50.8577)

Have a look what the booklet for
XYZ(24.5355, 17.3449, 50.8577)
contains.

XYZ(24.5363, 17.3860, 50.7778)	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(24.5363, 17.3860,
50.7778)**

Conversions

Conversions Part 1

Format	Color
Hex	8F5DBE
RGB	143, 93, 190
RGB Percent	56%, 36%, 75%
CMY	0.4392, 0.6353, 0.2549
CMYK	0.25, 0.51, 0.00, 0.25
HSL	271°, 43%, 55%
HSV	271°, 51%, 75%
XYZ	24.5363, 17.3860, 50.7778
YIQ	119.0080, -1.3370, 40.7670

Conversions

Conversions Part 2

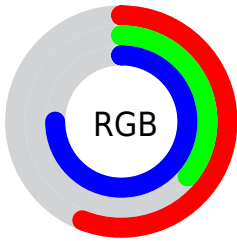
Format	Color
R_{YB}	143, 93, 190
Decimal	9395646
CIE _{Lab}	48.74, 39.30, -43.47
CIE _{LCh}	49, 58.604, 312.117
Yxy	17.3860, 0.2647, 0.1876
Android (android.graphics.Color)	4287585726 (0xFF8F5DBE)
YUV	119.0080, 34.9991, 21.0410
Hunter-Lab	41.6965, 32.0693, -43.0155

Details

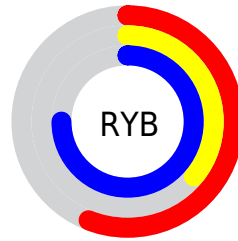
The XYZ color **24.5363, 17.3860, 50.7778** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **31.2047, 43.1929, 17.0489**, and the grayscale version is **17.4308, 18.3386, 19.9707**.

A 20% lighter version of the original color is **50.4671, 39.1083, 92.8844**, and **9.4644, 5.7028, 23.8945** is the 20% darker color. If you saturate the color by 10%, you get **21.5423, 13.6672, 50.2181**, and if you desaturate by 10%, it is **28.0767, 22.0021, 51.4825**.

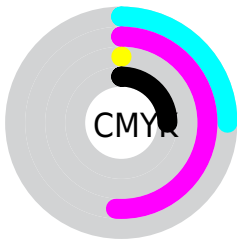
Distribution



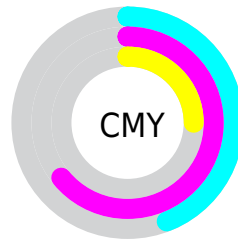
- Red (56%)
- Green (36%)
- Blue (75%)



- Red (56%)
- Yellow (36%)
- Blue (75%)



- Cyan (25%)
- Magenta (51%)
- Yellow (0%)
- Black (25%)



- Cyan (44%)
- Magenta (64%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5363, 17.3860, 50.7778 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 24.5363, 17.3860, 50.7778 by changing the saturation by 10% instead.

■ 24.5363, 17.3860,
50.7778

■ 24.5363, 17.3860,
50.7778

267.9112,
237.3871, 406.5217

■ 15.8588, 10.5101,
35.6563

■ 50.3523, 38.9883,
92.7344

■ 9.5145, 5.7384,
23.8813

■ 68.2215, 54.4834,
120.4065

■ 5.1381, 2.6867,
15.0342

■ 89.8853, 73.6204,
153.0993

■ 2.3641, 0.9704,
8.6965

■ 115.7091, 96.7836,
191.2313

■ 0.8272, 0.0000,
4.4497

146.0583,
124.3575, 235.2210

■ 0.0000, 0.0000,
1.8751

181.2981,

■ 0.0000, 0.0000,

156.7265, 285.4869

0.4768

221.7939,
194.2749, 342.4477

■ 0.0000, 0.0000,
0.0000

■ 24.5363, 17.3860,
50.7778

■ 24.5363, 17.3860,
50.7778

■ 21.5423, 13.6672,
50.2181

■ 28.0767, 22.0021,
51.4825

■ 19.0584, 10.7795,
49.7916

■ 32.1925, 27.5711,
52.3405

■ 17.0462, 8.6506,
49.4868

■ 36.9131, 34.1465,
53.3609

■ 15.4599, 7.1938,
49.2892

■ 42.2647, 41.7770,
54.5517

■ 14.3249, 6.3111,
49.1786

■ 48.2724, 50.5082,
55.9203

■ 54.9593, 60.3828,
57.4739

■ 62.3478, 71.4413,
59.2190

■ 70.4590, 83.7223,
61.1619

■ 76.3733, 91.3833,
62.3289

Harmonies

Analogous

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



18.8080, 17.3860, 65.6055



24.5363, 17.3860, 50.7778



28.5447, 17.3860, 29.6412

Triad

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



24.5363, 17.3860, 50.7778



19.9323, 17.3860, 2.3714



8.2930, 17.3860, 25.9041

Complementary

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



24.5363, 17.3860, 50.7778



31.2047, 43.1929, 17.0489

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.



8.4653, 17.3860, 11.1716



24.5363, 17.3860, 50.7778



14.4345, 17.3860, 2.1824

Square

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



24.5363, 17.3860, 50.7778



25.5127, 17.3860, 5.1487



10.4801, 17.3860, 4.3088



9.9429, 17.3860, 46.7928

Rectangle

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



24.5363, 17.3860, 50.7778



29.2645, 17.3860, 17.8501



10.4801, 17.3860, 4.3088



8.1518, 17.3860, 20.0534

Sweetspot

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



24.5370, 17.3867, 50.7782



72.3826, 69.6720, 97.9122



23.4077, 25.2429, 52.3541



15.4414, 14.6535, 21.3999



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.



24.5370, 17.3867, 50.7782



38.5779, 24.2148, 90.9198



34.4442, 22.4940, 51.2419



9.4729, 9.4606, 11.9990



9.6162, 4.2434, 32.7051



0.4519, 0.2050, 1.2846

Inverse Universe

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



29.8835, 20.6698, 27.2257



49.9223, 31.1751, 41.2051



24.9039, 39.9447, 16.7540



9.7176, 9.6113, 10.9017



15.4458, 7.8095, 7.6413



0.6381, 0.3191, 0.4734

Previews

White Background



This preview shows how the XYZ color 24.5363, 17.3860, 50.7778 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 24.5363, 17.3860, 50.7778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

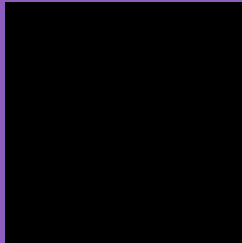
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.5363, 17.3860, 50.7778

Background



This preview shows how black text looks on a background with the XYZ color 24.5363, 17.3860, 50.7778.



This preview shows how white text looks on a background with the XYZ color 24.5363, 17.3860,

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

24.5363, 17.3860, 50.7778

Protanopia

19.9395, 17.7158, 62.6902

Deuteranopia

17.9828, 17.5301, 48.3348



Tritanopia

18.2658, 17.3091, 19.8310

Trichromacy



Original Color

24.5363, 17.3860, 50.7778

Protanomaly

20.7445, 17.1137, 58.0870

Deuteranomaly

19.5877, 17.0223, 49.2670

Tritanomaly

20.0528, 17.0959, 29.0310

Monochromacy



Original Color

24.5363, 17.3860, 50.7778

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.5889, 17.7854, 29.1885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5363, 17.3860, 50.7778 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(143, 93, 190)` looks like.

```
.text, #text, p{  
    color:rgb(143, 93, 190)  
}
```

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(143, 93, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 93, 190) }
```

Border

The CSS property to change the border of an element to XYZ 24.5363, 17.3860, 50.7778 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(143, 93, 190) }
```


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

```
.border{ border-color:rgb(143, 93, 190) }
```

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

Here you see how a box with a 4 pixel rgb(143, 93, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 93, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 93, 190);  
box-shadow:4px 4px 4px 4px rgb(143, 93,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5363, 17.3860, 50.7778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 93, 190) }
```

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

```
.background{ background-color: rgb(143, 93,  
190) }
```

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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