

Converting Colors

XYZ(17.8330, 10.5217, 29.9533)

Have a look what the booklet for
XYZ(17.8330, 10.5217, 29.9533)
contains.

XYZ(17.8087, 10.5031, 29.9428)	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(17.8087, 10.5031,
29.9428)**

Conversions

Conversions Part 1

Format	Color
Hex	8D3696
RGB	141, 54, 150
RGB Percent	55%, 21%, 59%
CMY	0.4471, 0.7882, 0.4118
CMYK	0.06, 0.64, 0.00, 0.41
HSL	294°, 47%, 40%
HSV	294°, 64%, 59%
XYZ	17.8087, 10.5031, 29.9428
YIQ	90.9570, 21.0360, 48.3000

Conversions

Conversions Part 2

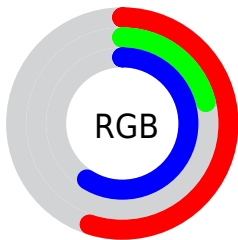
Format	Color
R_{YB}	141, 54, 150
Decimal	9254550
CIE _{Lab}	38.73, 50.20, -35.70
CIE _{LCh}	39, 61.600, 324.586
Yxy	10.5031, 0.3057, 0.1803
Android (android.graphics.Color)	4287444630 (0xFF8D3696)
YUV	90.9570, 29.1082, 43.8877
Hunter-Lab	32.4085, 41.3722, -32.0932

Details

The XYZ color **17.8087, 10.5031, 29.9428** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **13.6225, 23.1360, 7.2383**, and the grayscale version is **9.8674, 10.3812, 11.3052**.

A 20% lighter version of the original color is **39.3031, 26.7935, 60.8578**, and **6.1826, 2.9271, 12.0435** is the 20% darker color. If you saturate the color by 10%, you get **16.9778, 9.1937, 29.7340**, and if you desaturate by 10%, it is **18.8588, 12.2457, 30.2240**.

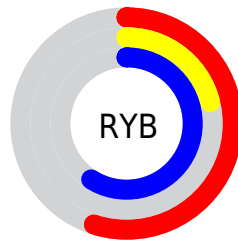
Distribution



Red (55%)

Green (21%)

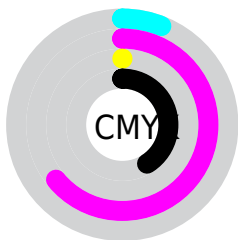
Blue (59%)



Red (55%)

Yellow (21%)

Blue (59%)

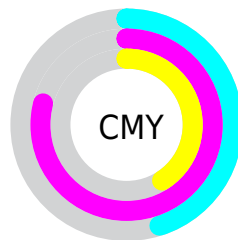


Cyan (6%)

Magenta (64%)

Yellow (0%)

Black (41%)



Cyan (45%)

Magenta (79%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8087, 10.5031, 29.9428 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 17.8087, 10.5031, 29.9428 by changing the saturation by 10% instead.

■ 17.8087, 10.5031,
29.9428

■ 17.8087, 10.5031,
29.9428

■ 232.8571,
194.2260, 315.8367

■ 10.9116, 5.7338,
19.5435

■ 39.2437, 26.7376,
60.6316

■ 6.0743, 2.6839,
11.8829

■ 54.5124, 38.9715,
81.7583

■ 2.9314, 0.9690,
6.5424

■ 73.3022, 54.4625,
107.2977

■ 1.1176, 0.0000,
3.1035

■ 95.9786, 73.5948,
137.6686

■ 0.0397, 0.0000,
1.1477

■ 122.9069, 96.7530,
173.2894

■ 0.0000, 0.0000,
0.0000

■ 154.4526,

124.3213, 214.5786

190.9808,
156.6842, 261.9549

■ 17.8087, 10.5031,
29.9428

■ 17.8087, 10.5031,
29.9428

■ 16.9778, 9.1937,
29.7340

■ 18.8588, 12.2457,
30.2240

■ 16.3443, 8.2748,
29.5900

■ 20.1447, 14.4558,
30.5828

■ 15.8837, 7.6975,
29.5029

■ 21.6831, 17.1662,
31.0249

■ 15.6484, 7.4311,
29.4639

■ 23.4885, 20.4061,
31.5551

■ 25.5744, 24.2026,
32.1779

■ 27.9535, 28.5807,
32.8976

■ 30.6376, 33.5642,
33.7180

■ 33.6378, 39.1754,
34.6430

■ 36.9648, 45.4355,
35.6760

Harmonies

Analogous

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



13.6028, 10.5031, 46.2835



17.8087, 10.5031, 29.9428



19.9673, 10.5031, 13.6820

Triad

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



17.8087, 10.5031, 29.9428



10.7390, 10.5031, 0.3812



4.4266, 10.5031, 23.5142

Complementary

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



17.8087, 10.5031, 29.9428



13.6225, 23.1360, 7.2383

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.



4.0461, 10.5031, 9.4504



17.8087, 10.5031, 29.9428



7.0699, 10.5031, 0.7524

Square

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



17.8087, 10.5031, 29.9428



15.2348, 10.5031, 1.1721



4.8696, 10.5031, 2.7483



6.1024, 10.5031, 41.1217

Rectangle

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



17.8087, 10.5031, 29.9428



19.6246, 10.5031, 6.6724



4.8696, 10.5031, 2.7483



4.1662, 10.5031, 18.0543

Sweetspot

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



17.8091, 10.5036, 29.9430



43.0907, 38.9846, 56.1749



8.8377, 6.6087, 29.6641



9.3426, 8.2638, 12.3875



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.8091, 10.5036, 29.9430



29.4157, 15.4111, 52.3455



16.7996, 10.2838, 16.3128



5.9823, 5.8819, 7.2897



12.9928, 6.1706, 24.4373



0.1716, 0.0820, 0.2997

Inverse Universe

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



14.7944, 9.4817, 5.7535



23.8972, 13.5986, 5.4438



14.3774, 23.3769, 13.9722



5.8216, 5.8237, 6.1666



10.5037, 5.4065, 0.8676



0.1329, 0.0679, 0.0336

Previews

White Background



This preview shows how the XYZ color 17.8087, 10.5031, 29.9428 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 17.8087, 10.5031, 29.9428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

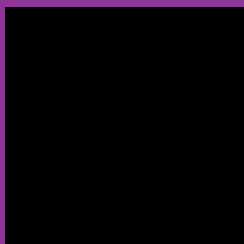
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.8087, 10.5031, 29.9428

Background



This preview shows how black text looks on a background with the XYZ color 17.8087, 10.5031, 29.9428.



This preview shows how white text looks on a background with the XYZ color 17.8087, 10.5031,

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

17.8087, 10.5031, 29.9428

Protanopia

12.6263, 10.8249, 46.2237

Deuteranopia

11.0412, 10.7917, 27.8866



Tritanopia

13.4798, 10.5169, 8.9089

Trichromacy



Original Color

17.8087, 10.5031, 29.9428

Protanomaly

12.4609, 9.4112, 39.6879

Deuteranomaly

12.4269, 9.8513, 28.4406

Tritanomaly

14.5486, 10.1851, 14.5637

Monochromacy



Original Color

17.8087, 10.5031, 29.9428

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

11.9557, 9.8698, 16.6042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8087, 10.5031, 29.9428 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(141, 54, 150)` looks like.

```
.text, #text, p{  
    color:rgb(141, 54, 150)  
}
```

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(141, 54, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 54, 150) }
```

Border

The CSS property to change the border of an element to XYZ 17.8087, 10.5031, 29.9428 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(141, 54, 150) }
```


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

```
.border{ border-color:rgb(141, 54, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 54, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 54, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 54, 150);  
box-shadow:4px 4px 4px 4px rgb(141, 54,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8087, 10.5031, 29.9428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 54, 150) }
```

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

```
.background{ background-color: rgb(141, 54,  
150) }
```

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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