

Converting Colors

XYZ(28.7224, 14.5873, 25.8593)

Have a look what the booklet for
XYZ(28.7224, 14.5873, 25.8593)
contains.

XYZ(28.6959, 14.5761, 25.7271)	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(28.6959, 14.5761,
25.7271)**

Conversions

Conversions Part 1

Format	Color
Hex	C8128B
RGB	200, 18, 139
RGB Percent	78%, 7%, 55%
CMY	0.2157, 0.9293, 0.4549
CMYK	0.00, 0.91, 0.30, 0.22
HSL	320°, 83%, 43%
HSV	320°, 91%, 78%
XYZ	28.6959, 14.5761, 25.7271
YIQ	86.2120, 69.6310, 76.2150

Conversions

Conversions Part 2

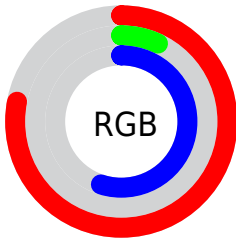
Format	Color
R _Y B	200, 18, 139
Decimal	13111947
CIE Lab	45.05, 72.29, -18.39
CIE LCh	45, 74.590, 345.728
Yxy	14.5761, 0.4159, 0.2113
Android (android.graphics.Color)	4291302027 (0xFFC8128B)
YUV	86.2120, 26.0245, 99.7921
Hunter-Lab	38.1787, 67.3518, -13.2281

Details

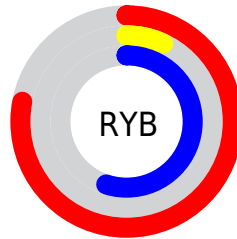
The XYZ color **28.6959, 14.5761, 25.7271** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **22.3164, 42.0023, 14.3331**, and the grayscale version is **8.8294, 9.2892, 10.1160**.

A 20% lighter version of the original color is **54.7800, 32.9390, 53.9227**, and **12.7877, 6.3840, 10.0094** is the 20% darker color. If you saturate the color by 10%, you get **28.0501, 13.9716, 23.3934**, and if you desaturate by 10%, it is **29.6787, 15.7334, 28.5464**.

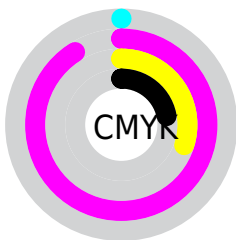
Distribution



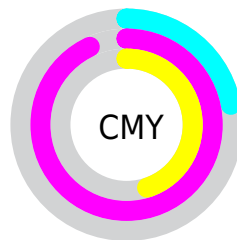
- Red (78%)
- Green (7%)
- Blue (55%)



- Red (78%)
- Yellow (7%)
- Blue (55%)



- Cyan (0%)
- Magenta (91%)
- Yellow (30%)
- Black (22%)





- Cyan (22%)
- Magenta (93%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6959, 14.5761, 25.7271 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 28.6959, 14.5761, 25.7271 by changing the saturation by 10% instead.


 28.6959, 14.5761,
25.7271


 28.6959, 14.5761,
25.7271


287.7976,
220.7859, 295.0026


 18.9940, 8.5224,
16.3957


 56.9945, 34.1078,
53.8130

 11.7699, 4.4310,
9.6472


 76.3219, 48.3546,
73.4046


 6.6583, 1.9175,
5.0631


 99.5886, 66.1013,
97.2533

 3.2938, 0.5588,
2.2250

 127.1598, 87.7322,
125.7777

 1.3109, 0.0000,
0.6887

 159.4009,
113.6317, 159.3962

 0.1914, 0.0000,
0.0000

 196.6774,

 0.0000, 0.0000,

144.1842, 198.5275

0.0000

239.3545,
179.7742, 243.5902

■ 28.6959, 14.5761,
25.7271

■ 28.6959, 14.5761,
25.7271

■ 28.0501, 13.9716,
23.3934

■ 29.6787, 15.7334,
28.5464

■ 31.0348, 17.5885,
31.6408

■ 32.8135, 20.2390,
35.0293

■ 35.0557, 23.7661,
38.7282

■ 37.7975, 28.2410,
42.7517

■ 41.0711, 33.7276,
47.1129

■ 44.9062, 40.2841,
51.8241

■ 49.3298, 47.9644,
56.8964

■ 54.3676, 56.8187,
62.3406

Harmonies

Analogous

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



24.1181, 14.5761, 52.9981



28.6959, 14.5761, 25.7271



28.5702, 14.5761, 8.3692

Triad

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



28.6959, 14.5761, 25.7271



10.8997, 14.5761, 0.4105



7.1499, 14.5761, 54.3635

Complementary

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



28.6959, 14.5761, 25.7271



22.3164, 42.0023, 14.3331

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.



5.3266, 14.5761, 26.8864



28.6959, 14.5761, 25.7271



7.0146, 14.5761, 2.0477

Square

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



28.6959, 14.5761, 25.7271



16.9664, 14.5761, 0.3762



5.2857, 14.5761, 8.9212



11.1479, 14.5761, 76.1700

Rectangle

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



28.6959, 14.5761, 25.7271



25.7881, 14.5761, 3.1968



5.2857, 14.5761, 8.9212



6.3220, 14.5761, 44.8514

Sweetspot

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



28.6964, 14.5769, 25.7273



73.3847, 62.2627, 84.4350



13.8403, 6.2523, 55.1209



15.2382, 12.5293, 17.4822



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



28.6964, 14.5769, 25.7273



48.4505, 24.1442, 39.8998



24.5770, 12.9292, 4.0351



10.9261, 10.7538, 12.5943



17.8784, 8.9009, 15.1012



0.8792, 0.4345, 0.8872

Inverse Universe

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



28.6964, 14.5769, 25.7273



48.4505, 24.1442, 39.8998



28.1288, 44.3272, 44.9407



10.9261, 10.7538, 12.5943



17.8784, 8.9009, 15.1012



0.8792, 0.4345, 0.8872

Previews

White Background



This preview shows how the XYZ color 28.6959, 14.5761, 25.7271 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 28.6959, 14.5761, 25.7271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

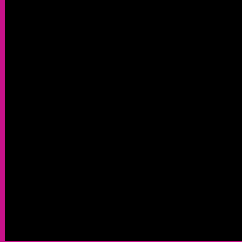
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 28.6959, 14.5761, 25.7271

Background



This preview shows how black text looks on a background with the XYZ color 28.6959, 14.5761, 25.7271.



This preview shows how white text looks on a background with the XYZ color 28.6959, 14.5761,

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

28.6959, 14.5761, 25.7271

Protanopia

17.0653, 15.1454, 54.2485

Deuteranopia

15.3676, 15.1079, 23.2253



Tritanopia

24.5007, 14.7114, 5.6859

Trichromacy



Original Color

28.6959, 14.5761, 25.7271



Protanomaly

16.9305, 11.3709, 41.8599



Deuteranomaly

17.6669, 12.2537, 23.6244



Tritanomaly

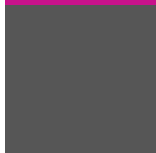
25.3903, 14.1681, 10.6290

Monochromacy



Original Color

28.6959, 14.5761, 25.7271



Achromatopsia

8.8453, 9.3059, 10.1341



Achromatomaly

12.9709, 8.8694, 14.3929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6959, 14.5761, 25.7271 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(200, 18, 139)` looks like.

```
.text, #text, p{  
    color:rgb(200, 18, 139)  
}
```

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(200, 18, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 18, 139) }
```

Border

The CSS property to change the border of an element to XYZ 28.6959, 14.5761, 25.7271 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(200, 18, 139) }
```


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

```
.border{ border-color:rgb(200, 18, 139) }
```

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

Here you see how a box with a 4 pixel rgb(200, 18, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 18, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 18, 139);  
box-shadow:4px 4px 4px 4px rgb(200, 18,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6959, 14.5761, 25.7271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 18, 139) }
```

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

```
.background{ background-color: rgb(200, 18,  
139) }
```

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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