

Converting Colors

XYZ(25.5693, 14.5699, 28.5889)

Have a look what the booklet for
XYZ(25.5693, 14.5699, 28.5889)
contains.

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Color

**XYZ(25.5635, 14.5374,
28.6528)**

Conversions

Conversions Part 1

Format	Color
Hex	B53692
RGB	181, 54, 146
RGB Percent	71%, 21%, 57%
CMY	0.2902, 0.7882, 0.4274
CMYK	0.00, 0.70, 0.19, 0.29
HSL	317°, 54%, 46%
HSV	317°, 70%, 71%
XYZ	25.5635, 14.5374, 28.6528
YIQ	102.4610, 46.1600, 55.5360

Conversions

Conversions Part 2

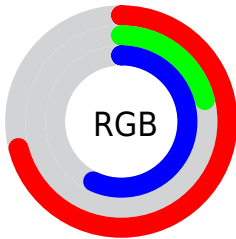
Format	Color
R_{YB}	181, 54, 146
Decimal	11875986
CIE _{Lab}	44.99, 59.84, -23.00
CIE _{LCh}	45, 64.112, 338.975
Yxy	14.5374, 0.3718, 0.2114
Android (android.graphics.Color)	4290066066 (0xFFB53692)
YUV	102.4610, 21.4647, 68.8787
Hunter-Lab	38.1279, 52.9543, -17.8663

Details

The XYZ color **25.5635, 14.5374, 28.6528** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **19.8491, 34.5537, 15.0761**, and the grayscale version is **12.6878, 13.3486, 14.5366**.

A 20% lighter version of the original color is **52.0449, 34.0643, 58.4756**, and **10.3777, 5.1113, 11.2661** is the 20% darker color. If you saturate the color by 10%, you get **24.4928, 13.0034, 26.4230**, and if you desaturate by 10%, it is **26.9654, 16.7064, 31.0768**.

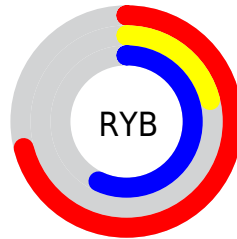
Distribution



Red (71%)

Green (21%)

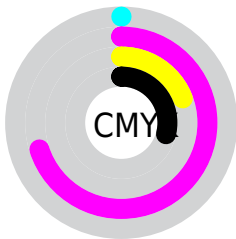
Blue (57%)



Red (71%)

Yellow (21%)

Blue (57%)

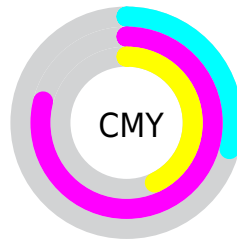


Cyan (0%)

Magenta (70%)

Yellow (19%)

Black (29%)



Cyan (29%)

Magenta (79%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5635, 14.5374, 28.6528 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 25.5635, 14.5374, 28.6528 by changing the saturation by 10% instead.

■ 25.5635, 14.5374,
28.6528

■ 25.5635, 14.5374,
28.6528

272.9289,
220.5489, 309.5827

■ 16.6283, 8.4954,
18.5750

■ 52.0063, 34.0396,
58.5606

■ 10.0635, 4.4135,
11.1899

■ 70.2446, 48.2685,
79.2277

■ 5.5037, 1.9075,
6.0789

■ 92.3146, 65.9952,
104.2616

■ 2.5835, 0.5529,
2.8236

■ 118.5818, 87.6041,
134.0809

■ 0.9375, 0.0000,
1.0053

■ 149.4115,
113.4794, 169.1041

■ 0.0000, 0.0000,
0.0000

185.1690,

144.0058, 209.7498

226.2197,
179.5675, 256.4365

■ 25.5635, 14.5374,
28.6528

■ 25.5635, 14.5374,
28.6528

■ 24.4928, 13.0034,
26.4230

■ 26.9654, 16.7064,
31.0768

■ 23.7149, 12.0284,
24.3731

■ 28.7286, 19.5707,
33.7058

■ 23.1607, 11.4656,
22.5063

■ 30.8812, 23.1858,
36.5501

■ 33.4479, 27.6014,
39.6191

■ 36.4516, 32.8624,
42.9213

■ 39.9134, 39.0108,
46.4648

■ 43.8528, 46.0856,
50.2569

■ 48.2884, 54.1233,
54.3049

■ 53.2377, 63.1588,
58.6155

Harmonies

Analogous

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



21.2004, 14.5374, 50.6871



25.5635, 14.5374, 28.6528



26.4002, 14.5374, 11.7285

Triad

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



25.5635, 14.5374, 28.6528



12.2997, 14.5374, 0.9965



7.3545, 14.5374, 41.9123

Complementary

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



25.5635, 14.5374, 28.6528



19.8491, 34.5537, 15.0761

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.



6.0446, 14.5374, 20.7881



25.5635, 14.5374, 28.6528



8.3847, 14.5374, 2.3042

Square

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



25.5635, 14.5374, 28.6528



17.7706, 14.5374, 1.2668



6.3667, 14.5374, 7.5484



10.4987, 14.5374, 61.1454

Rectangle

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



25.5635, 14.5374, 28.6528



24.6813, 14.5374, 5.5387



6.3667, 14.5374, 7.5484



6.7266, 14.5374, 34.4022

Sweetspot

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



25.5640, 14.5381, 28.6531



64.6020, 57.6536, 76.1454



13.6724, 8.0437, 44.5482



13.6362, 11.8869, 16.1053



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.5640, 14.5381, 28.6531



43.0750, 22.2579, 45.3600



21.9618, 13.0972, 9.6840



8.7481, 8.6060, 10.1720



15.9969, 7.9163, 15.6755



0.5264, 0.2583, 0.6148

Inverse Universe

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



25.5640, 14.5381, 28.6531



43.0750, 22.2579, 45.3600



23.6616, 36.0787, 35.1521



8.7481, 8.6060, 10.1720



15.9969, 7.9163, 15.6755



0.5264, 0.2583, 0.6148

Previews

White Background



This preview shows how the XYZ color 25.5635, 14.5374, 28.6528 looks on a white background.

Color Contrast Check

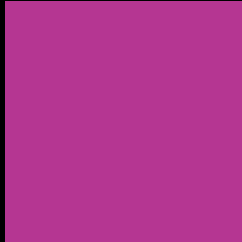
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5635, 14.5374, 28.6528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

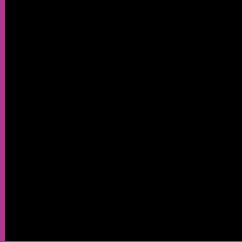
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.5635, 14.5374, 28.6528

Background



This preview shows how black text looks on a background with the XYZ color 25.5635, 14.5374, 28.6528.



This preview shows how white text looks on a background with the XYZ color 25.5635, 14.5374,

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

25.5635, 14.5374, 28.6528

Protanopia

16.5470, 14.9931, 49.0355

Deuteranopia

15.0786, 14.7339, 26.4753



Tritanopia

21.5393, 14.5760, 9.0753

Trichromacy



Original Color

25.5635, 14.5374, 28.6528

Protanomaly

17.2046, 12.9491, 40.6224

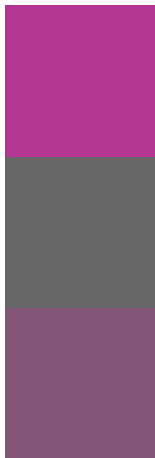
Deuteranomaly

17.4162, 13.3544, 27.2509

Tritanomaly

22.5868, 14.3407, 14.4095

Monochromacy



Original Color

25.5635, 14.5374, 28.6528

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

15.8786, 12.6303, 18.7405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5635, 14.5374, 28.6528 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(181, 54, 146)` looks like.

```
.text, #text, p{  
    color:rgb(181, 54, 146)  
}
```

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(181, 54, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 54, 146) }
```

Border

The CSS property to change the border of an element to XYZ 25.5635, 14.5374, 28.6528 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(181, 54, 146) }
```


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

```
.border{ border-color:rgb(181, 54, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 54, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 54, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 54, 146);  
box-shadow:4px 4px 4px 4px rgb(181, 54,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5635, 14.5374, 28.6528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 54, 146) }
```

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

```
.background{ background-color: rgb(181, 54,  
146) }
```

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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