

Converting Colors

XYZ(28.2738, 29.2647, 45.9780)

Have a look what the booklet for
XYZ(28.2738, 29.2647, 45.9780)
contains.

XYZ(28.3572, 29.4225, 45.7795)	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(28.3572, 29.4225,
45.7795)**

Conversions

Conversions Part 1

Format	Color
Hex	8694B1
RGB	134, 148, 177
RGB Percent	53%, 58%, 69%
CMY	0.4745, 0.4196, 0.3059
CMYK	0.24, 0.16, 0.00, 0.31
HSL	220°, 22%, 61%
HSV	220°, 24%, 69%
XYZ	28.3572, 29.4225, 45.7795
YIQ	147.1200, -17.6530, 6.0510

Conversions

Conversions Part 2

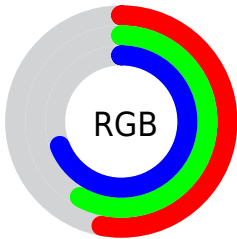
Format	Color
RYB	134, 145, 177
Decimal	8819889
CIELab	61.15, 1.55, -16.81
CIELCh	61, 16.880, 275.257
Yxy	29.4225, 0.2738, 0.2841
Android (android.graphics.Color)	4287009969 (0xFF8694B1)
YUV	147.1200, 14.7308, -11.5062
Hunter-Lab	54.2425, -1.6072, -12.0697

Details

The XYZ color **28.3572, 29.4225, 45.7795** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.5319, 37.2626, 27.8746**, and the grayscale version is **27.7297, 29.1738, 31.7703**.

A 20% lighter version of the original color is **56.5675, 58.8156, 85.4619**, and **11.4801, 11.8436, 20.7498** is the 20% darker color. If you saturate the color by 10%, you get **23.9921, 24.5352, 45.0667**, and if you desaturate by 10%, it is **33.3894, 34.9418, 46.5801**.

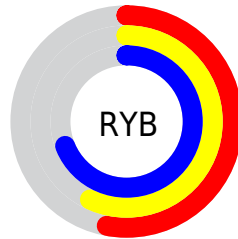
Distribution



Red (53%)

Green (58%)

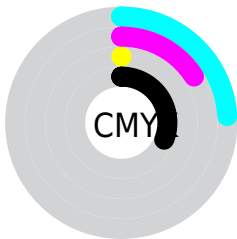
Blue (69%)



Red (53%)

Yellow (57%)

Blue (69%)

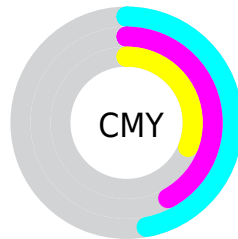


Cyan (24%)

Magenta (16%)

Yellow (0%)

Black (31%)



Cyan (47%)

Magenta (42%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3572, 29.4225, 45.7795 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 28.3572, 29.4225, 45.7795 by changing the saturation by 10% instead.

■ 28.3572, 29.4225,
45.7795

■ 28.3572, 29.4225,
45.7795

286.2191,
299.2032, 386.1733

■ 18.7369, 19.4007,
31.7244

■ 56.4589, 58.7477,
85.2197

■ 11.5832, 11.9601,
20.8880

■ 75.6710, 78.8198,
111.4419

■ 6.5307, 6.7165,
12.8517

■ 98.8111, 103.0109,
142.5570

■ 3.2141, 3.2855,
7.1970

126.2446,
131.7052, 178.9834

■ 1.2680, 1.2825,
3.5053

158.3368,
165.2872, 221.1397

■ 0.1590, 0.1276,
1.3581

195.4530,

■ 0.0000, 0.0000,

204.1413, 269.4444

0.1087

237.9586,
248.6518, 324.3161

■ 0.0000, 0.0000,
0.0000

■ 28.3572, 29.4225,
45.7795

■ 28.3572, 29.4225,
45.7795

■ 23.9921, 24.5352,
45.0667

■ 33.3894, 34.9418,
46.5801

■ 20.2621, 20.2526,
44.4367

■ 39.1135, 41.1119,
47.4694

■ 17.1364, 16.5505,
43.8868

■ 45.5560, 47.9553,
48.4507

■ 14.5806, 13.4015,
43.4137

■ 52.7416, 55.4922,
49.5268

■ 12.5564, 10.7759,
43.0136

■ 60.6935, 63.7421,
50.7000

■ 11.0204, 8.6404,
42.6824

■ 69.4340, 72.7234,
51.9729

■ 9.9211, 6.9570,
42.4154

■ 77.9085, 81.8995,
53.2974

■ 9.4307, 6.1639,
42.2882

■ 81.3749, 88.8324,
54.4529

■ 84.9359, 95.9544,
55.6399

Harmonies

Analogous

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



26.2205, 29.4225, 44.4375



28.3572, 29.4225, 45.7795



30.4960, 29.4225, 43.0621

Triad

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



28.3572, 29.4225, 45.7795



31.5885, 29.4225, 25.4993



24.2733, 29.4225, 27.1980

Complementary

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



28.3572, 29.4225, 45.7795



35.5319, 37.2626, 27.8746

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.



25.5784, 29.4225, 23.0738



28.3572, 29.4225, 45.7795



29.7856, 29.4225, 22.1876

Square

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



28.3572, 29.4225, 45.7795



32.4236, 29.4225, 30.9316



27.5768, 29.4225, 21.3618



23.9355, 29.4225, 33.1666

Rectangle

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



28.3572, 29.4225, 45.7795



31.6123, 29.4225, 39.5010



27.5768, 29.4225, 21.3618



24.6100, 29.4225, 25.5764

Sweetspot

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



28.3581, 29.4237, 45.7802



67.0242, 70.3854, 84.5485



32.1352, 39.1456, 40.3567



14.3948, 15.1134, 18.3028



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.3581, 29.4237, 45.7802



46.5747, 48.0037, 81.3062



27.4744, 25.9025, 45.1471



8.2604, 8.6671, 10.7439



6.8827, 4.5658, 30.6555



0.2710, 0.2526, 0.9827

Inverse Universe

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



32.0026, 28.5361, 31.8397



54.2769, 46.4019, 51.7830



36.5673, 41.6935, 28.6752



8.6067, 8.5494, 9.4271



13.7087, 7.0010, 3.6262



0.4588, 0.2313, 0.2589

Previews

White Background



This preview shows how the XYZ color 28.3572, 29.4225, 45.7795 looks on a white background.

Color Contrast Check

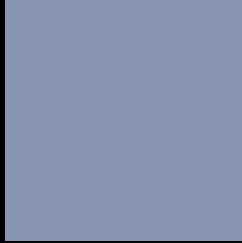
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3572, 29.4225, 45.7795 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

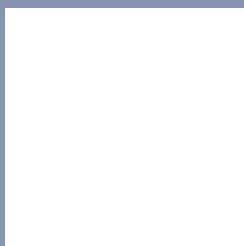
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3572, 29.4225, 45.7795

Background



This preview shows how black text looks on a background with the XYZ color 28.3572, 29.4225, 45.7795.



This preview shows how white text looks on a background with the XYZ color 28.3572, 29.4225,

45.7795.

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

28.3572, 29.4225, 45.7795

Protanopia

29.0999, 29.3551, 45.2067

Deuteranopia

30.0418, 29.3639, 46.2039



Tritanopia

26.9483, 29.5671, 38.4691

Trichromacy



Original Color

28.3572, 29.4225, 45.7795

Protanomaly

28.7514, 29.4053, 45.2347

Deuteranomaly

29.3166, 29.2159, 46.2136

Tritanomaly

27.3971, 29.5082, 40.8109

Monochromacy



Original Color

28.3572, 29.4225, 45.7795

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.7606, 29.0868, 36.4989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3572, 29.4225, 45.7795 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(134, 148, 177)` looks like.

```
.text, #text, p{  
    color:rgb(134, 148, 177)  
}
```

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(134, 148, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 148, 177) }
```

Border

The CSS property to change the border of an element to XYZ 28.3572, 29.4225, 45.7795 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(134, 148, 177) }
```


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

```
.border{ border-color:rgb(134, 148, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 148, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 148, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 148, 177);  
box-shadow:4px 4px 4px 4px rgb(134, 148,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3572, 29.4225, 45.7795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 148, 177) }
```

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

```
.background{ background-color: rgb(134,  
148, 177) }
```

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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