

Converting Colors

XYZ(28.3385, 30.4380, 45.2074)

Have a look what the booklet for
XYZ(28.3385, 30.4380, 45.2074)
contains.

XYZ(28.2706, 30.3369, 45.4399)	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(28.2706, 30.3369,
45.4399)**

Conversions

Conversions Part 1

Format	Color
Hex	8298B0
RGB	130, 152, 176
RGB Percent	51%, 60%, 69%
CMY	0.4902, 0.4039, 0.3098
CMYK	0.26, 0.14, 0.00, 0.31
HSL	211°, 23%, 60%
HSV	211°, 26%, 69%
XYZ	28.2706, 30.3369, 45.4399
YIQ	148.1580, -20.8160, 2.8000

Conversions

Conversions Part 2

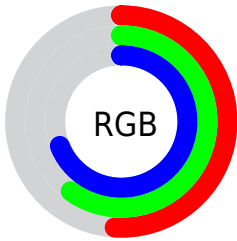
Format	Color
RYB	130, 145, 176
Decimal	8558768
CIELab	61.94, -2.20, -15.07
CIElCh	62, 15.233, 261.682
Yxy	30.3369, 0.2717, 0.2916
Android (android.graphics.Color)	4286748848 (0xFF8298B0)
YUV	148.1580, 13.7261, -15.9246
Hunter-Lab	55.0789, -4.7687, -10.3587

Details

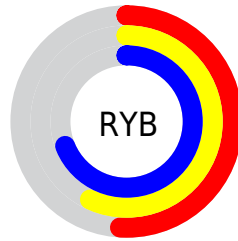
The XYZ color **28.2706, 30.3369, 45.4399** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.4897, 33.9531, 25.9083**, and the grayscale version is **28.1657, 29.6325, 32.2698**.

A 20% lighter version of the original color is **56.4040, 60.1592, 84.9830**, and **11.4533, 12.3997, 20.5286** is the 20% darker color. If you saturate the color by 10%, you get **24.3655, 26.1971, 44.8472**, and if you desaturate by 10%, it is **32.7547, 34.9480, 46.0941**.

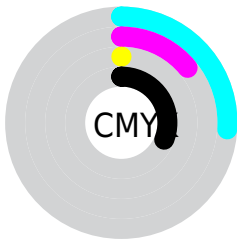
Distribution



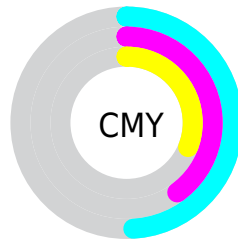
- Red (51%)
- Green (60%)
- Blue (69%)



- Red (51%)
- Yellow (57%)
- Blue (69%)



- Cyan (26%)
- Magenta (14%)
- Yellow (0%)
- Black (31%)



- Cyan (49%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2706, 30.3369, 45.4399 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 28.2706, 30.3369, 45.4399 by changing the saturation by 10% instead.

■ 28.2706, 30.3369,
45.4399

■ 28.2706, 30.3369,
45.4399

285.8144,
303.4717, 384.7642

■ 18.6712, 20.0944,
31.4586

■ 56.3218, 60.1946,
84.7056

■ 11.5356, 12.4637,
20.6869

■ 75.5044, 80.5786,
110.8270

■ 6.4982, 7.0603,
12.7063

■ 98.6120, 105.1118,
141.8322

■ 3.1938, 3.4998,
7.0983

126.0101,
134.1788, 178.1398

■ 1.2571, 1.3979,
3.4443

158.0641,
168.1639, 220.1682

■ 0.1507, 0.2152,
1.3257

195.1392,

■ 0.0000, 0.0000,

207.4515, 268.3361

0.0827

237.6008,
252.4259, 323.0619

■ 0.0000, 0.0000,
0.0000

■ 28.2706, 30.3369,
45.4399

■ 28.2706, 30.3369,
45.4399

■ 24.3655, 26.1971,
44.8472

■ 32.7547, 34.9480,
46.0941

■ 21.0106, 22.5075,
44.3118

■ 37.8394, 40.0430,
46.8095

■ 18.1785, 19.2510,
43.8325

■ 43.5484, 45.6385,
47.5887

■ 15.8382, 16.4073,
43.4070

■ 49.9034, 51.7491,
48.4332

■ 13.9551, 13.9542,
43.0327

■ 56.9250, 58.3889,
49.3447

■ 12.4894, 11.8668,
42.7071

■ 64.6327, 65.5713,
50.3248

■ 11.3892, 10.1136,
42.4267

■ 73.0453, 73.3092,
51.3750

■ 11.0210, 9.5034,
42.3283

■ 76.1261, 78.4936,
52.2133

■ 78.6823, 83.6060,
53.0654

Harmonies

Analogous

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



26.4701, 30.3369, 42.6520



28.2706, 30.3369, 45.4399



30.3078, 30.3369, 44.6082

Triad

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



28.2706, 30.3369, 45.4399



32.6348, 30.3369, 29.0530



25.8652, 30.3369, 26.5450

Complementary

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



28.2706, 30.3369, 45.4399



33.4897, 33.9531, 25.9083

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.



27.4094, 30.3369, 23.6543



28.2706, 30.3369, 45.4399



31.3352, 30.3369, 24.9791

Square

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



28.2706, 30.3369, 45.4399



32.8920, 30.3369, 34.6836



29.4055, 30.3369, 23.1169



25.1248, 30.3369, 31.4332

Rectangle

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



28.2706, 30.3369, 45.4399



31.5220, 30.3369, 42.1514



29.4055, 30.3369, 23.1169



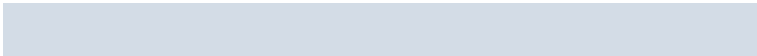
26.3039, 30.3369, 25.3325

Sweetspot

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



28.2715, 30.3381, 45.4406



66.6895, 70.6999, 84.6268



30.5452, 38.1224, 36.2191



14.1487, 15.0188, 18.2975



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.



28.2715, 30.3381, 45.4406



47.3173, 50.8582, 81.8180



25.1437, 23.9072, 44.3642



8.3661, 8.8784, 10.7791



8.1441, 7.0886, 31.0760



0.3148, 0.3401, 0.9973

Inverse Universe

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



31.5554, 27.4631, 33.3449



54.3174, 45.1382, 55.9420



37.2868, 41.8039, 27.2235



8.6600, 8.5707, 9.7078



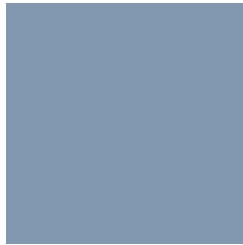
14.3454, 7.2557, 6.9790



0.4809, 0.2401, 0.3752

Previews

White Background



This preview shows how the XYZ color 28.2706, 30.3369, 45.4399 looks on a white background.

Color Contrast Check

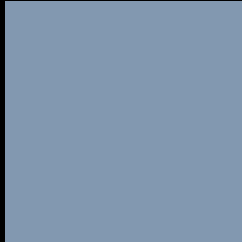
Large Text (above 18pt) WCAG AA × Fail

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 28.2706, 30.3369, 45.4399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

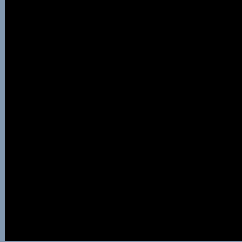
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.2706, 30.3369, 45.4399

Background



This preview shows how black text looks on a background with the XYZ color 28.2706, 30.3369, 45.4399.



This preview shows how white text looks on a background with the XYZ color 28.2706, 30.3369,

45.4399.

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

28.2706, 30.3369, 45.4399

Protanopia

29.8098, 30.2167, 43.7964

Deuteranopia

30.7924, 30.2161, 45.8043



Tritanopia

27.3406, 30.4536, 40.5135

Trichromacy



Original Color

28.2706, 30.3369, 45.4399

Protanomaly

29.2026, 30.1263, 44.3202

Deuteranomaly

29.8534, 30.1938, 45.8495

Tritanomaly

27.7002, 30.3519, 42.4288

Monochromacy



Original Color

28.2706, 30.3369, 45.4399

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.9035, 29.6262, 36.5955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2706, 30.3369, 45.4399 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(130, 152, 176)` looks like.

```
.text, #text, p{  
    color:rgb(130, 152, 176)  
}
```

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(130, 152, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 152, 176) }
```

Border

The CSS property to change the border of an element to XYZ 28.2706, 30.3369, 45.4399 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(130, 152, 176) }
```


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

```
.border{ border-color:rgb(130, 152, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 152, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 152, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 152, 176); box-shadow:4px 4px 4px 4px rgb(130, 152, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2706, 30.3369, 45.4399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 152, 176) }
```

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

```
.background{ background-color: rgb(130,  
152, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor