

Converting Colors

XYZ(27.2994, 32.0929, 45.1100)

Have a look what the booklet for
XYZ(27.2994, 32.0929, 45.1100)
contains.

XYZ(27.2928, 32.0956, 45.3140)	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(27.2928, 32.0956,
45.3140)**

Conversions

Conversions Part 1

Format	Color
Hex	71A1AF
RGB	113, 161, 175
RGB Percent	44%, 63%, 69%
CMY	0.5569, 0.3686, 0.3137
CMYK	0.35, 0.08, 0.00, 0.31
HSL	194°, 28%, 56%
HSV	194°, 35%, 69%
XYZ	27.2928, 32.0956, 45.3140
YIQ	148.2440, -33.1020, -5.8220

Conversions

Conversions Part 2

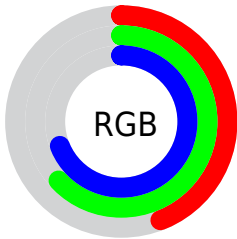
Format	Color
R _Y B	113, 140, 175
Decimal	7446959
CIE Lab	63.42, -12.47, -12.39
CIE LCh	63, 17.575, 224.814
Yxy	32.0956, 0.2607, 0.3065
Android (android.graphics.Color)	4285637039 (0xFF71A1AF)
YUV	148.2440, 13.1907, -30.9090
Hunter-Lab	56.6530, -13.1496, -7.7661

Details

The XYZ color **27.2928, 32.0956, 45.3140** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.2497, 25.4854, 19.0539**, and the grayscale version is **28.2075, 29.6765, 32.3177**.

A 20% lighter version of the original color is **54.9160, 63.0967, 84.8858**, and **10.9683, 13.3594, 20.7394** is the 20% darker color. If you saturate the color by 10%, you get **24.5754, 29.6866, 44.9928**, and if you desaturate by 10%, it is **30.4681, 34.7746, 45.6643**.

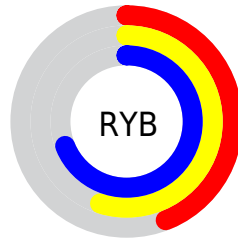
Distribution



Red (44%)

Green (63%)

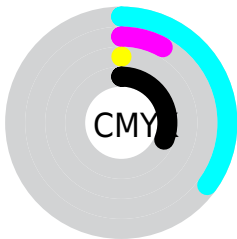
Blue (69%)



Red (44%)

Yellow (55%)

Blue (69%)

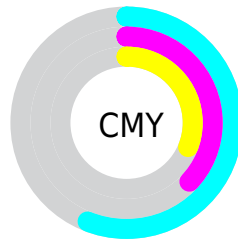


Cyan (35%)

Magenta (8%)

Yellow (0%)

Black (31%)



Cyan (56%)

Magenta (37%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2928, 32.0956, 45.3140 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 27.2928, 32.0956, 45.3140 by changing the saturation by 10% instead.

■ 27.2928, 32.0956,
45.3140

■ 27.2928, 32.0956,
45.3140

281.2138,
311.5545, 384.2409

■ 17.9310, 21.4345,
31.3601

■ 54.7699, 62.9609,
84.5148

■ 10.9998, 13.4420,
20.6124

■ 73.6160, 83.9340,
110.5988

■ 6.1340, 7.7336,
12.6525

■ 96.3541, 109.1131,
141.5633

■ 2.9682, 3.9250,
7.0618

123.3497,
138.8828, 177.8267

■ 1.1370, 1.6317,
3.4218

154.9681,
173.6274, 219.8076

■ 0.0557, 0.3788,
1.3138

191.5747,

■ 0.0000, 0.0000,

213.7313, 267.9246

0.0731

233.5348,
259.5788, 322.5962

■ 0.0000, 0.0000,
0.0000

■ 27.2928, 32.0956,
45.3140

■ 27.2928, 32.0956,
45.3140

■ 24.5754, 29.6866,
44.9928

■ 30.4681, 34.7746,
45.6643

■ 22.2878, 27.5304,
44.6972

■ 34.1216, 37.7321,
46.0426

■ 20.4030, 25.6138,
44.4266

■ 38.2760, 40.9808,
46.4507

■ 18.8900, 23.9202,
44.1794

■ 42.9514, 44.5313,
46.8896

■ 17.7127, 22.4310,
43.9540

■ 48.1670, 48.3938,
47.3602

■ 16.8259, 21.1223,
43.7482

■ 53.9409, 52.5780,
47.8635

■ 16.4703, 20.5599,
43.6583

■ 60.2903, 57.0929,
48.4004

■ 67.2318, 61.9474,
48.9715

■ 68.8453, 64.0899,
49.3000

Harmonies

Analogous

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



26.1854, 32.0956, 38.5011



27.2928, 32.0956, 45.3140



29.2916, 32.0956, 49.6073

Triad

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



27.2928, 32.0956, 45.3140



35.2685, 32.0956, 38.5913



29.3204, 32.0956, 23.4855

Complementary

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



27.2928, 32.0956, 45.3140



28.2497, 25.4854, 19.0539

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.



31.7533, 32.0956, 23.5029



27.2928, 32.0956, 45.3140



35.2773, 32.0956, 31.6180

Square

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



27.2928, 32.0956, 45.3140



33.9386, 32.0956, 45.3876



33.9618, 32.0956, 26.2950



27.3129, 32.0956, 26.2439

Rectangle

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



27.2928, 32.0956, 45.3140



30.9019, 32.0956, 50.1428



33.9618, 32.0956, 26.2950



30.1133, 32.0956, 23.1801

Sweetspot

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



27.2938, 32.0969, 45.3147



64.1507, 69.9764, 82.7626



25.9347, 35.6889, 25.4082



14.0434, 15.3842, 18.3736



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.



27.2938, 32.0969, 45.3147



44.7778, 53.8614, 80.6731



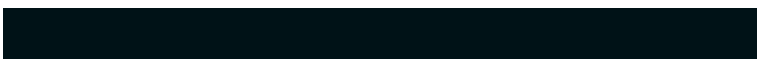
22.6069, 22.7232, 43.7525



8.0807, 8.7607, 10.2178



11.8423, 14.8185, 31.2806



0.3667, 0.4868, 0.8826

Inverse Universe

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



30.0182, 23.4983, 36.6731



50.5701, 36.5224, 62.0888



32.7909, 34.5678, 20.5676



8.2585, 8.1167, 9.6722



15.8411, 7.7990, 17.3405



0.4595, 0.2245, 0.5815

Previews

White Background



This preview shows how the XYZ color 27.2928, 32.0956, 45.3140 looks on a white background.

Color Contrast Check

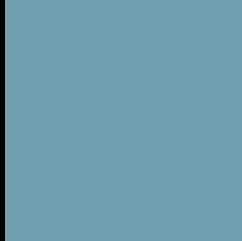
Large Text (above 18pt) WCAG AA × Fail

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 27.2928, 32.0956, 45.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

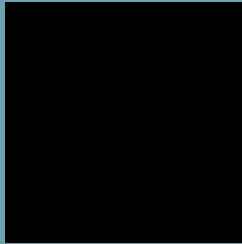
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.2928, 32.0956, 45.3140

Background



This preview shows how black text looks on a background with the XYZ color 27.2928, 32.0956, 45.3140.



This preview shows how white text looks on a background with the XYZ color 27.2928, 32.0956,

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

27.2928, 32.0956, 45.3140

Protanopia

31.1522, 31.9004, 42.0516

Deuteranopia

32.3936, 31.7371, 46.0135



Tritanopia

27.1949, 32.0564, 44.7986

Trichromacy



Original Color

27.2928, 32.0956, 45.3140

Protanomaly

29.3886, 31.7013, 43.0981

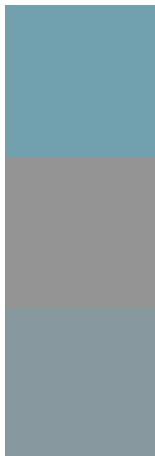
Deuteranomaly

30.0429, 31.4925, 45.5695

Tritanomaly

27.1949, 32.0564, 44.7986

Monochromacy



Original Color

27.2928, 32.0956, 45.3140

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.5545, 30.4020, 36.7636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2928, 32.0956, 45.3140 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(113, 161, 175)` looks like.

```
.text, #text, p{  
    color:rgb(113, 161, 175)  
}
```

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(113, 161, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 161, 175) }
```

Border

The CSS property to change the border of an element to XYZ 27.2928, 32.0956, 45.3140 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(113, 161, 175) }
```


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

```
.border{ border-color:rgb(113, 161, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 161, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 161, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 161, 175);  
box-shadow:4px 4px 4px 4px rgb(113, 161,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2928, 32.0956, 45.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 161, 175) }
```

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

```
.background{ background-color: rgb(113,  
161, 175) }
```

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