

Converting Colors

XYZ(32.8859, 45.4420, 28.8677)

Have a look what the booklet for
XYZ(32.8859, 45.4420, 28.8677)
contains.

XYZ(32.8859, 45.4420, 28.8677)	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(32.8859, 45.4420,
28.8677)**

Conversions

Conversions Part 1

Format	Color
Hex	82C384
RGB	130, 195, 132
RGB Percent	51%, 76%, 52%
CMY	0.4902, 0.2353, 0.4823
CMYK	0.33, 0.00, 0.32, 0.24
HSL	122°, 35%, 64%
HSV	122°, 33%, 76%
XYZ	32.8859, 45.4420, 28.8677
YIQ	168.3830, -18.5170, -33.3730

Conversions

Conversions Part 2

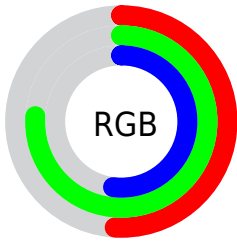
Format	Color
RYB	130, 193, 195
Decimal	8569732
CIELab	73.18, -33.39, 25.28
CIELCh	73, 41.879, 142.871
Yxy	45.4420, 0.3068, 0.4239
Android (android.graphics.Color)	4286759812 (0xFF82C384)
YUV	168.3830, -17.9368, -33.6619
Hunter-Lab	67.4107, -30.8885, 21.7973

Details

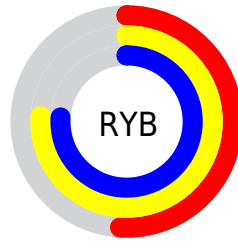
The XYZ color **32.8859, 45.4420, 28.8677** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.1155, 31.4186, 54.4040**, and the grayscale version is **37.5007, 39.4537, 42.9651**.

A 20% lighter version of the original color is **63.5749, 83.4379, 58.6533**, and **14.1084, 21.2367, 11.3381** is the 20% darker color. If you saturate the color by 10%, you get **28.9953, 43.5738, 22.5352**, and if you desaturate by 10%, it is **37.5801, 47.7000, 36.4628**.

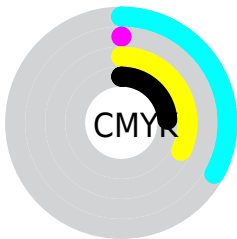
Distribution



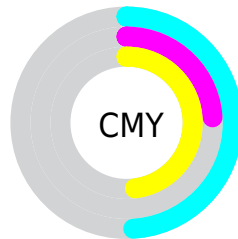
- Red (51%)
- Green (76%)
- Blue (52%)



- Red (51%)
- Yellow (76%)
- Blue (76%)



- Cyan (33%)
- Magenta (0%)
- Yellow (32%)
- Black (24%)



- Cyan (49%)
- Magenta (24%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8859, 45.4420, 28.8677 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 32.8859, 45.4420, 28.8677 by changing the saturation by 10% instead.

■ 32.8859, 45.4420,
28.8677

■ 32.8859, 45.4420,
28.8677

306.8094,
368.5607, 310.6316

■ 22.1979, 31.8057,
18.7360

■ 63.5532, 83.3833,
58.9065

■ 14.1198, 21.2131,
11.3048

■ 84.2632, 108.4571,
79.6507

■ 8.2863, 13.2799,
6.1555

■ 109.0446,
138.1122, 104.7695

■ 4.3320, 7.6216,
2.8696

138.2627,
172.7329, 134.6815

■ 1.8916, 3.8538,
1.0284

172.2828,
212.7038, 169.8052

■ 0.5720, 1.5921,
0.0000

211.4704,

■ 0.0000, 0.3523,

258.4091, 210.5590

0.0000

256.1908,
310.2333, 257.3617

■ 0.0000, 0.0000,
0.0000

■ 32.8859, 45.4420,
28.8677

■ 32.8859, 45.4420,
28.8677

■ 28.9953, 43.5738,
22.5352

■ 37.5801, 47.7000,
36.4628

■ 25.8599, 42.0679,
17.3941

■ 43.1156, 50.3620,
45.3806

■ 23.4317, 40.9027,
13.3709

■ 49.5320, 53.4485,
55.6809

■ 21.6558, 40.0515,
10.3824

■ 56.8655, 56.9768,
67.4189

■ 20.4691, 39.4839,
8.3341

■ 65.1500, 60.9634,
80.6470

■ 19.7961, 39.1632,
7.1143

■ 74.4180, 65.4240,
95.4148

■ 19.5489, 39.0452,
6.6785

■ 78.8060, 67.5120,
103.4853

Harmonies

Analogous

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



37.9339, 45.4420, 20.7947



32.8859, 45.4420, 28.8677



30.6437, 45.4420, 44.6289

Triad

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



32.8859, 45.4420, 28.8677



41.4629, 45.4420, 101.4122



57.5471, 45.4420, 35.3706

Complementary

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



32.8859, 45.4420, 28.8677



40.1155, 31.4186, 54.4040

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.



58.7672, 45.4420, 54.6675



32.8859, 45.4420, 28.8677



48.9132, 45.4420, 96.8580

Square

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



32.8859, 45.4420, 28.8677



35.2185, 45.4420, 89.2168



55.4517, 45.4420, 78.1132



52.2847, 45.4420, 23.7388

Rectangle

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



32.8859, 45.4420, 28.8677



30.8395, 45.4420, 59.0416



55.4517, 45.4420, 78.1132



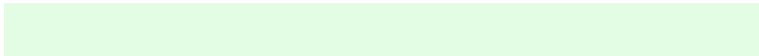
58.4662, 45.4420, 41.0084

Sweetspot

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



32.8871, 45.4439, 28.8687



80.6963, 91.8685, 86.8650



45.7731, 52.1026, 28.7638



17.3238, 19.9510, 18.4637



0.0000, 0.0000, 0.0000



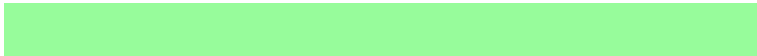
20.3446, 21.4041, 23.3091

Same Dimension

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



32.8871, 45.4439, 28.8687



53.6828, 78.8806, 43.2211



35.3856, 46.4433, 42.0256



9.9567, 11.2637, 10.7754



12.7109, 25.3784, 4.3706



0.5536, 1.0983, 0.2121

Inverse Universe

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



40.1155, 31.4186, 54.4040



68.6027, 49.9253, 95.9229



36.9595, 30.1562, 37.7851



10.4835, 10.2420, 12.6365



20.6033, 9.9311, 32.1526



0.8945, 0.4308, 1.4118

Previews

White Background



This preview shows how the XYZ color 32.8859, 45.4420, 28.8677 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 32.8859, 45.4420, 28.8677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

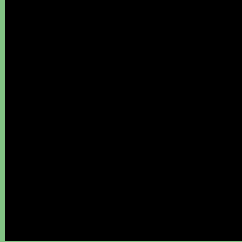
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.8859, 45.4420, 28.8677

Background



This preview shows how black text looks on a background with the XYZ color 32.8859, 45.4420, 28.8677.

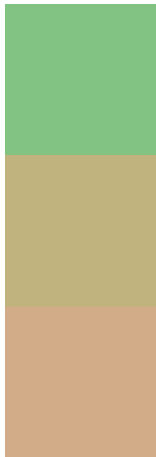


This preview shows how white text looks on a background with the XYZ color 32.8859, 45.4420,

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

32.8859, 45.4420, 28.8677

Protanopia

41.8141, 45.0583, 25.8953

Deuteranopia

45.8462, 45.0128, 29.9389



Tritanopia

39.4292, 45.1745, 61.8997

Trichromacy



Original Color

32.8859, 45.4420, 28.8677

Protanomaly

37.8228, 44.8025, 27.0763

Deuteranomaly

39.7505, 44.2155, 29.3610

Tritanomaly

36.5153, 44.9331, 47.8227

Monochromacy



Original Color

32.8859, 45.4420, 28.8677

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

35.1632, 41.0774, 37.0858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8859, 45.4420, 28.8677 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, 195, 132)` looks like.

```
.text, #text, p{  
    color:rgb(130, 195, 132)  
}
```

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, 195, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 195, 132) }
```

Border

The CSS property to change the border of an element to XYZ 32.8859, 45.4420, 28.8677 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, 195, 132) }
```


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

```
.border{ border-color:rgb(130, 195, 132) }
```

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

Here you see how a box with a 4 pixel rgb(130, 195, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 195, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 195, 132);  
box-shadow:4px 4px 4px 4px rgb(130, 195,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8859, 45.4420, 28.8677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 195, 132) }
```

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

```
.background{ background-color: rgb(130,  
195, 132) }
```

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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