

Converting Colors

XYZ(32.5701, 44.0689, 28.9132)

Have a look what the booklet for
XYZ(32.5701, 44.0689, 28.9132)
contains.

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Color

**XYZ(32.5373, 43.9416,
28.9570)**

Conversions

Conversions Part 1

Format	Color
Hex	85BF85
RGB	133, 191, 133
RGB Percent	52%, 75%, 52%
CMY	0.4784, 0.2510, 0.4784
CMYK	0.30, 0.00, 0.30, 0.25
HSL	120°, 31%, 64%
HSV	120°, 30%, 75%
XYZ	32.5373, 43.9416, 28.9570
YIQ	167.0460, -15.9500, -30.3340

Conversions

Conversions Part 2

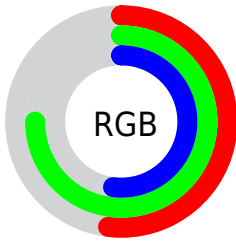
Format	Color
RYB	133, 191, 191
Decimal	8765317
CIELab	72.19, -30.36, 23.43
CIELCh	72, 38.349, 142.331
Yxy	43.9416, 0.3086, 0.4168
Android (android.graphics.Color)	4286955397 (0xFF85BF85)
YUV	167.0460, -16.7847, -29.8583
Hunter-Lab	66.2885, -28.3891, 20.5021

Details

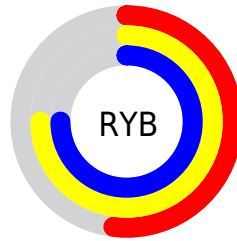
The XYZ color **32.5373, 43.9416, 28.9570** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.2788, 31.6139, 53.3238**, and the grayscale version is **36.8387, 38.7572, 42.2066**.

A 20% lighter version of the original color is **63.1694, 81.3713, 58.8312**, and **13.9003, 20.2652, 11.3626** is the 20% darker color. If you saturate the color by 10%, you get **28.5898, 42.0467, 22.4993**, and if you desaturate by 10%, it is **37.2754, 46.2189, 36.7061**.

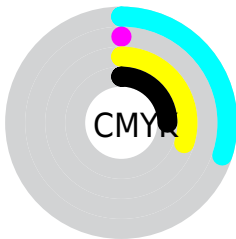
Distribution



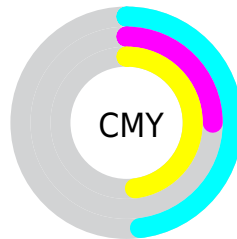
- Red (52%)
- Green (75%)
- Blue (52%)



- Red (52%)
- Yellow (75%)
- Blue (75%)



- Cyan (30%)
- Magenta (0%)
- Yellow (30%)
- Black (25%)




- Cyan (48%)
- Magenta (25%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5373, 43.9416, 28.9570 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 32.5373, 43.9416, 28.9570 by changing the saturation by 10% instead.


 32.5373, 43.9416,
28.9570


 32.5373, 43.9416,
28.9570


305.2616,
362.4699, 311.0666


 21.9298, 30.6246,
18.8030


 63.0120, 81.1299,
59.0501

 13.9216, 20.3132,
11.3526


 83.6098, 105.7699,
79.8263

 8.1475, 12.6229,
6.1874


 108.2685,
134.9531, 104.9804

 4.2421, 7.1694,
2.8887

137.3534,
169.0638, 134.9307

 1.8400, 3.5683,
1.0381

171.2297,
208.4865, 170.0960

 0.5416, 1.4351,
0.0000

210.2630,

 0.0000, 0.2424,

253.6054, 210.8947

0.0000

254.8185,
304.8051, 257.7454

■ 0.0000, 0.0000,
0.0000

■ 32.5373, 43.9416,
28.9570

■ 32.5373, 43.9416,
28.9570

■ 28.5898, 42.0467,
22.4993

■ 37.2754, 46.2189,
36.7061

■ 25.3868, 40.5082,
17.2601

■ 42.8402, 48.8919,
45.8083

■ 22.8825, 39.3052,
13.1639

■ 49.2697, 51.9804,
56.3249

■ 21.0249, 38.4129,
10.1253

■ 56.5987, 55.5008,
68.3126

■ 19.7545, 37.8027,
8.0473

■ 64.8598, 59.4691,
81.8250

■ 19.0011, 37.4408,
6.8150

■ 74.0841, 63.9000,
96.9130

■ 18.6317, 37.2633,
6.2107

■ 77.9217, 65.7433,
103.1906

Harmonies

Analogous

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



37.1441, 43.9416, 21.5634



32.5373, 43.9416, 28.9570



30.4486, 43.9416, 43.1748

Triad

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



32.5373, 43.9416, 28.9570



40.1010, 43.9416, 93.4373



54.5827, 43.9416, 35.3659

Complementary

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



32.5373, 43.9416, 28.9570



39.2788, 31.6139, 53.3238

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.



55.5868, 43.9416, 52.8402



32.5373, 43.9416, 28.9570



46.7545, 43.9416, 89.7509

Square

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



32.5373, 43.9416, 28.9570



34.5071, 43.9416, 82.6017



52.5911, 43.9416, 73.5521



49.9757, 43.9416, 24.5297

Rectangle

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



32.5373, 43.9416, 28.9570



30.5935, 43.9416, 56.0001



52.5911, 43.9416, 73.5521



55.3710, 43.9416, 40.5226

Sweetspot

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



32.5384, 43.9435, 28.9580



78.0496, 88.1987, 84.2082



44.3522, 50.0337, 29.5105



16.7893, 19.1997, 17.9194



92.9021, 97.7402, 106.4391



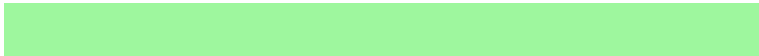
19.4759, 20.4902, 22.3138

Same Dimension

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



32.5384, 43.9435, 28.9580



53.7262, 76.5149, 44.4230



34.8265, 44.8587, 41.0066



9.4088, 10.6496, 10.1364



12.2439, 24.4879, 4.0814



0.4796, 0.9592, 0.1599

Inverse Universe

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



39.2788, 31.6139, 53.3238



67.6024, 51.1323, 94.5843



36.3963, 30.4609, 38.1448



9.9300, 9.6963, 12.0204



20.3002, 9.7512, 33.2038



0.7952, 0.3820, 1.3006

Previews

White Background



This preview shows how the XYZ color 32.5373, 43.9416, 28.9570 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 32.5373, 43.9416, 28.9570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

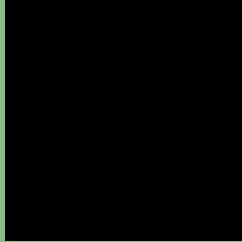
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.5373, 43.9416, 28.9570

Background



This preview shows how black text looks on a background with the XYZ color 32.5373, 43.9416, 28.9570.



This preview shows how white text looks on a background with the XYZ color 32.5373, 43.9416,

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

32.5373, 43.9416, 28.9570

Protanopia

40.5264, 43.5042, 25.9998

Deuteranopia

44.2290, 43.3327, 30.0777



Tritanopia

38.6886, 43.9179, 59.2612

Trichromacy



Original Color

32.5373, 43.9416, 28.9570

Protanomaly

36.8485, 43.0677, 27.1397

Deuteranomaly

38.7565, 42.8056, 29.5122

Tritanomaly

36.1834, 43.8365, 46.5986

Monochromacy



Original Color

32.5373, 43.9416, 28.9570

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

34.9593, 40.3858, 36.9630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5373, 43.9416, 28.9570 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(133, 191, 133)` looks like.

```
.text, #text, p{  
    color:rgb(133, 191, 133)  
}
```

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(133, 191, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 191, 133) }
```

Border

The CSS property to change the border of an element to XYZ 32.5373, 43.9416, 28.9570 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(133, 191, 133) }
```


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

```
.border{ border-color:rgb(133, 191, 133) }
```

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

Here you see how a box with a 4 pixel rgb(133, 191, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 191, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 191, 133);  
box-shadow:4px 4px 4px 4px rgb(133, 191,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5373, 43.9416, 28.9570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 191, 133) }
```

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

```
.background{ background-color: rgb(133,  
191, 133) }
```

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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