

Converting Colors

XYZ(32.5428, 44.0284, 27.0844)

Have a look what the booklet for
XYZ(32.5428, 44.0284, 27.0844)
contains.

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Color

**XYZ(32.5188, 43.9710,
27.1954)**

Conversions

Conversions Part 1

Format	Color
Hex	87BF80
RGB	135, 191, 128
RGB Percent	53%, 75%, 50%
CMY	0.4706, 0.2510, 0.4980
CMYK	0.29, 0.00, 0.33, 0.25
HSL	113°, 33%, 63%
HSV	113°, 33%, 75%
XYZ	32.5188, 43.9710, 27.1954
YIQ	167.0740, -13.1530, -31.4650

Conversions

Conversions Part 2

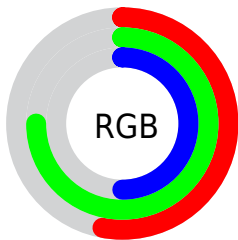
Format	Color
RYB	128, 191, 184
Decimal	8896384
CIELab	72.21, -30.51, 26.13
CIELCh	72, 40.169, 139.417
Yxy	43.9710, 0.3136, 0.4241
Android (android.graphics.Color)	4287086464 (0xFF87BF80)
YUV	167.0740, -19.2635, -28.1289
Hunter-Lab	66.3106, -28.5070, 22.1014

Details

The XYZ color **32.5188, 43.9710, 27.1954** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.8921, 29.3915, 53.0212**, and the grayscale version is **36.8631, 38.7829, 42.2346**.

A 20% lighter version of the original color is **63.1431, 81.4181, 56.1033**, and **13.8881, 20.2804, 10.3903** is the 20% darker color. If you saturate the color by 10%, you get **28.8610, 42.2185, 21.0681**, and if you desaturate by 10%, it is **36.8512, 46.0465, 34.5915**.

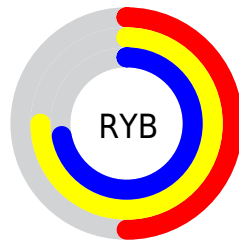
Distribution



Red (53%)

Green (75%)

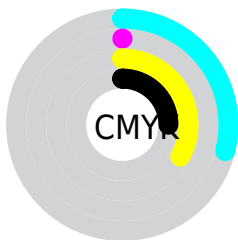
Blue (50%)



Red (50%)

Yellow (75%)

Blue (72%)

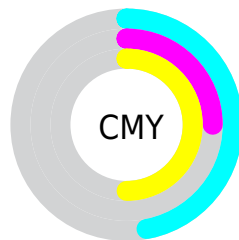


Cyan (29%)

Magenta (0%)

Yellow (33%)

Black (25%)



Cyan (47%)

Magenta (25%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5188, 43.9710, 27.1954 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 32.5188, 43.9710, 27.1954 by changing the saturation by 10% instead.

■ 32.5188, 43.9710,
27.1954

■ 32.5188, 43.9710,
27.1954

305.1793,
362.5899, 302.3920

■ 21.9155, 30.6477,
17.4863

■ 62.9832, 81.1741,
56.2048

■ 13.9111, 20.3307,
10.4162

■ 83.5751, 105.8227,
76.3422

■ 8.1402, 12.6357,
5.5666

■ 108.2273,
135.0152, 100.7927

■ 4.2373, 7.1782,
2.5189

137.3050,
169.1360, 129.9750

■ 1.8373, 3.5738,
0.8501

171.1738,
208.5695, 164.3075

■ 0.5400, 1.4381,
0.0000

210.1988,

■ 0.0000, 0.2446,

253.7000, 204.2088

0.0000

254.7455,
304.9120, 250.0975

■ 0.0000, 0.0000,
0.0000

■ 32.5188, 43.9710,
27.1954

■ 32.5188, 43.9710,
27.1954

■ 28.8610, 42.2185,
21.0681

■ 36.8512, 46.0465,
34.5915

■ 25.8405, 40.7674,
16.1355

■ 41.8864, 48.4543,
43.3189

■ 23.4215, 39.6023,
12.3206


■ 47.6549, 51.2101,
53.4397


■ 21.5633, 38.7040,
9.5359


■ 54.1846, 54.3269,
65.0111


■ 20.2200, 38.0512,
7.6813


■ 61.5019, 57.8172,
78.0871

 19.3383, 37.6189,
6.6364

 69.6318, 61.6929,
92.7190

 18.9456, 37.4252,
6.2252

 77.4999, 65.5259,
103.1708

 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.



37.5425, 43.9710, 20.2711



32.5188, 43.9710, 27.1954



30.0778, 43.9710, 41.2421

Triad

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



32.5188, 43.9710, 27.1954



39.4072, 43.9710, 95.6868



55.5719, 43.9710, 36.3406

Complementary

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



32.5188, 43.9710, 27.1954



36.8921, 29.3915, 53.0212

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.



56.2129, 43.9710, 55.1877



32.5188, 43.9710, 27.1954



46.3531, 43.9710, 93.3073

Square

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



32.5188, 43.9710, 27.1954



33.7546, 43.9710, 82.8533



52.6818, 43.9710, 77.0394



51.0162, 43.9710, 24.4589

Rectangle

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



32.5188, 43.9710, 27.1954



30.0402, 43.9710, 54.3559



52.6818, 43.9710, 77.0394



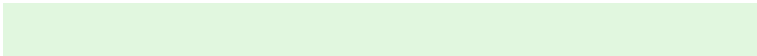
56.2699, 43.9710, 41.9344

Sweetspot

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



32.5199, 43.9729, 27.1964



77.7999, 88.1087, 82.4464



42.4519, 46.7727, 27.2133



16.7734, 19.1994, 17.5611



92.9021, 97.7402, 106.4391



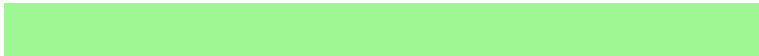
19.4759, 20.4902, 22.3138

Same Dimension

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



32.5199, 43.9729, 27.1964



53.1236, 76.2990, 40.1147



33.2140, 44.1247, 36.5377



9.5046, 10.6990, 10.1408



12.4853, 24.6123, 4.0926



0.5222, 0.9811, 0.1619

Inverse Universe

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



36.8921, 29.3915, 53.0212



62.2080, 45.9399, 93.8677



36.1677, 29.3003, 40.2374



9.8228, 9.6410, 12.0154



17.0859, 8.0942, 33.0547



0.6994, 0.3326, 1.2962

Previews

White Background



This preview shows how the XYZ color 32.5188, 43.9710, 27.1954 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 32.5188, 43.9710, 27.1954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

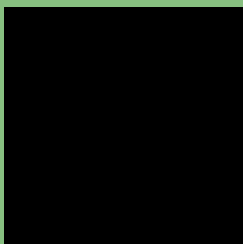
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

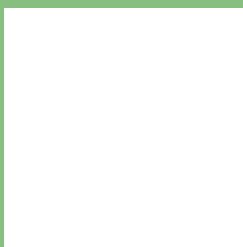
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5188, 43.9710, 27.1954

Background



This preview shows how black text looks on a background with the XYZ color 32.5188, 43.9710, 27.1954.



This preview shows how white text looks on a background with the XYZ color 32.5188, 43.9710,

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

32.5188, 43.9710, 27.1954

Protanopia

40.5240, 43.5322, 24.6791

Deuteranopia

44.4340, 43.4793, 28.2407



Tritanopia

38.8386, 43.6902, 59.2094

Trichromacy



Original Color

32.5188, 43.9710, 27.1954

Protanomaly

36.9566, 43.1609, 25.4519

Deuteranomaly

38.8749, 42.9067, 27.7056

Tritanomaly

36.1230, 43.5161, 45.5253

Monochromacy



Original Color

32.5188, 43.9710, 27.1954

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

34.7927, 40.3191, 36.0856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5188, 43.9710, 27.1954 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(135, 191, 128)` looks like.

```
.text, #text, p{  
    color:rgb(135, 191, 128)  
}
```

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(135, 191, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 191, 128) }
```

Border

The CSS property to change the border of an element to XYZ 32.5188, 43.9710, 27.1954 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(135, 191, 128) }
```


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

```
.border{ border-color:rgb(135, 191, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 191, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 191, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 191, 128);  
box-shadow:4px 4px 4px 4px rgb(135, 191,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5188, 43.9710, 27.1954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 191, 128) }
```

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

```
.background{ background-color: rgb(135,  
191, 128) }
```

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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