

Converting Colors

XYZ(32.4488, 49.2436, 28.0155)

Have a look what the booklet for
XYZ(32.4488, 49.2436, 28.0155)
contains.

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Color

**XYZ(32.5740, 49.4729,
27.9111)**

Conversions

Conversions Part 1

Format	Color
Hex	6ECF7F
RGB	110, 207, 127
RGB Percent	43%, 81%, 50%
CMY	0.5686, 0.1882, 0.5020
CMYK	0.47, 0.00, 0.39, 0.19
HSL	131°, 50%, 62%
HSV	131°, 47%, 81%
XYZ	32.5740, 49.4729, 27.9111
YIQ	168.8770, -32.1320, -45.4440

Conversions

Conversions Part 2

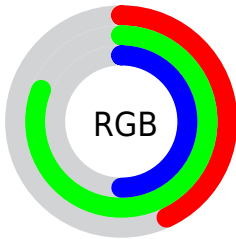
Format	Color
RYB	110, 193, 207
Decimal	7262079
CIELab	75.74, -45.55, 31.13
CIELCh	76, 55.171, 145.647
Yxy	49.4729, 0.2962, 0.4499
Android (android.graphics.Color)	4285452159 (0xFF6ECF7F)
YUV	168.8770, -20.6454, -51.6351
Hunter-Lab	70.3370, -40.4240, 25.7084

Details

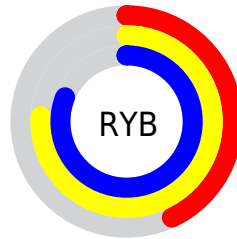
The XYZ color **32.5740, 49.4729, 27.9111** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **40.6039, 28.1360, 52.0076**, and the grayscale version is **37.7625, 39.7291, 43.2650**.

A 20% lighter version of the original color is **59.7241, 82.9223, 56.0378**, and **13.9840, 23.7224, 10.8630** is the 20% darker color. If you saturate the color by 10%, you get **29.2732, 47.8905, 22.4328**, and if you desaturate by 10%, it is **36.6675, 51.4449, 34.4128**.

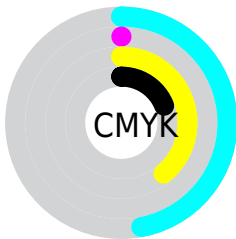
Distribution



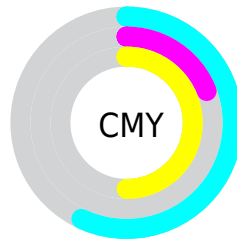
- Red (43%)
- Green (81%)
- Blue (50%)



- Red (43%)
- Yellow (76%)
- Blue (81%)



- Cyan (47%)
- Magenta (0%)
- Yellow (39%)
- Black (19%)



- Cyan (57%)
- Magenta (19%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5740, 49.4729, 27.9111 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 32.5740, 49.4729, 27.9111 by changing the saturation by 10% instead.

■ 32.5740, 49.4729,
27.9111

■ 32.5740, 49.4729,
27.9111

305.4248,
384.6011, 305.9404

■ 21.9580, 34.9948,
18.0202

■ 63.0690, 89.3934,
57.3639

■ 13.9425, 23.6588,
10.7949

■ 83.6787, 115.6046,
77.7628

■ 8.1621, 15.0807,
5.8167

■ 108.3503,
146.4955, 102.5015

■ 4.2515, 8.8761,
2.6669

137.4492,
182.4507, 131.9985

■ 1.8454, 4.6604,
0.9267

171.3408,
223.8544, 166.6724

■ 0.5448, 2.0494,
0.0000

210.3903,

■ 0.0000, 0.6360,

271.0911, 206.9416

0.0000

254.9632,
324.5452, 253.2248

■ 0.0000, 0.0000,
0.0000

■ 32.5740, 49.4729,
27.9111

■ 32.5740, 49.4729,
27.9111

■ 29.2732, 47.8905,
22.4328

■ 36.6675, 51.4449,
34.4128

■ 26.7092, 46.6659,
17.9226

■ 41.5970, 53.8238,
41.9829

■ 24.8250, 45.7723,
14.3249


■ 47.4075, 56.6329,
50.6677


■ 23.5530, 45.1760,
11.5772


■ 54.1392, 59.8924,
60.5099


■ 22.8066, 44.8340,
9.6087

■ 61.8303, 63.6209,
71.5498

 22.6365, 44.7566,
9.1374

 70.5163, 67.8360,
83.8258

 80.2313, 72.5544,
97.3747

 81.6037, 73.1075,
104.4179

Harmonies

Analogous

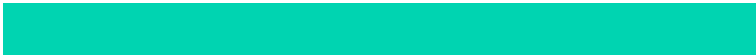
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.0081, 49.4729, 17.3581



32.5740, 49.4729, 27.9111



30.0018, 49.4729, 49.7021

Triad

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



32.5740, 49.4729, 27.9111



45.5446, 49.4729, 131.8811



67.0892, 49.4729, 32.9689

Complementary

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



32.5740, 49.4729, 27.9111



40.6039, 28.1360, 52.0076

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.



69.5031, 49.4729, 58.2596



32.5740, 49.4729, 27.9111



56.0657, 49.4729, 122.3291

Square

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



32.5740, 49.4729, 27.9111



36.7683, 49.4729, 115.0863



65.2139, 49.4729, 92.3436



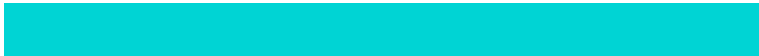
59.0253, 49.4729, 19.4474

Rectangle

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



32.5740, 49.4729, 27.9111



30.5030, 49.4729, 70.5450



65.2139, 49.4729, 92.3436



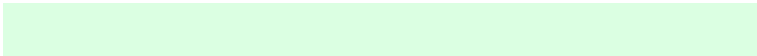
68.6340, 49.4729, 40.0505

Sweetspot

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



32.5753, 49.4750, 27.9122



78.7305, 92.0933, 85.2594



46.5731, 56.8085, 23.2627



16.3712, 19.4793, 17.5417



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.



32.5753, 49.4750, 27.9122



46.9993, 76.7906, 36.0975



36.4498, 51.0248, 48.3152



11.7397, 13.2396, 12.9856



14.2860, 28.2074, 5.8865



0.8252, 1.5877, 0.4683

Inverse Universe

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



40.6039, 28.1360, 52.0076



61.3353, 38.6042, 79.0613



36.2170, 26.3812, 28.9067



12.2182, 11.9720, 14.4246



20.8582, 10.2161, 25.2234



1.1902, 0.5808, 1.5364

Previews

White Background



This preview shows how the XYZ color 32.5740, 49.4729, 27.9111 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 32.5740, 49.4729, 27.9111 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 32.5740, 49.4729, 27.9111

Background



This preview shows how black text looks on a background with the XYZ color 32.5740, 49.4729, 27.9111.



This preview shows how white text looks on a background with the XYZ color 32.5740, 49.4729,

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

32.5740, 49.4729, 27.9111

Protanopia

44.9761, 48.5625, 24.1425

Deuteranopia

49.7387, 48.7777, 29.3478



Tritanopia

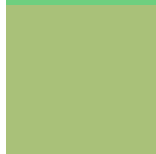
41.0298, 49.4037, 70.3242

Trichromacy



Original Color

32.5740, 49.4729, 27.9111



Protanomaly

38.8833, 47.9554, 25.2961



Deuteranomaly

41.1167, 47.7372, 28.5198



Tritanomaly

37.3562, 49.2883, 51.8007

Monochromacy



Original Color

32.5740, 49.4729, 27.9111



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

34.9790, 42.4960, 36.9308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5740, 49.4729, 27.9111 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(110, 207, 127)` looks like.

```
.text, #text, p{  
    color:rgb(110, 207, 127)  
}
```

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(110, 207, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 207, 127) }
```

Border

The CSS property to change the border of an element to XYZ 32.5740, 49.4729, 27.9111 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(110, 207, 127) }
```


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

```
.border{ border-color:rgb(110, 207, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 207, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 207, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 207, 127);  
box-shadow:4px 4px 4px 4px rgb(110, 207,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5740, 49.4729, 27.9111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 207, 127) }
```

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

```
.background{ background-color: rgb(110,  
207, 127) }
```

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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