

Converting Colors

XYZ(32.7364, 45.9084, 19.4477)

Have a look what the booklet for
XYZ(32.7364, 45.9084, 19.4477)
contains.

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Color

**XYZ(32.7364, 45.9084,
19.4477)**

Conversions

Conversions Part 1

Format	Color
Hex	8BC465
RGB	139, 196, 101
RGB Percent	55%, 77%, 40%
CMY	0.4549, 0.2314, 0.6039
CMYK	0.29, 0.00, 0.48, 0.23
HSL	96°, 45%, 58%
HSV	96°, 48%, 77%
XYZ	32.7364, 45.9084, 19.4477
YIQ	168.1270, -3.4770, -41.6290

Conversions

Conversions Part 2

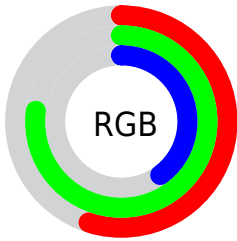
Format	Color
RYB	101, 196, 158
Decimal	9159781
CIELab	73.49, -35.23, 41.65
CIElCh	73, 54.556, 130.226
Yxy	45.9084, 0.3337, 0.4680
Android (android.graphics.Color)	4287349861 (0xFF8BC465)
YUV	168.1270, -33.0936, -25.5444
Hunter-Lab	67.7557, -32.3297, 30.4112

Details

The XYZ color **32.7364, 45.9084, 19.4477** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **28.7199, 20.5633, 54.6824**, and the grayscale version is **37.4416, 39.3915, 42.8973**.

A 20% lighter version of the original color is **63.4637, 84.1858, 43.4764**, and **14.1083, 21.5635, 6.5505** is the 20% darker color. If you saturate the color by 10%, you get **30.0294, 44.6123, 14.8922**, and if you desaturate by 10%, it is **35.8860, 47.4090, 25.2212**.

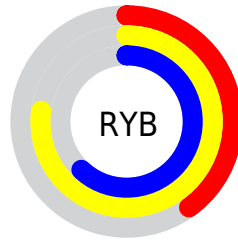
Distribution



Red (55%)

Green (77%)

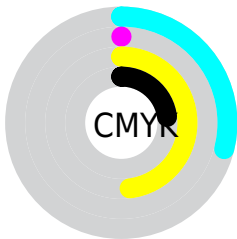
Blue (40%)



Red (40%)

Yellow (77%)

Blue (62%)

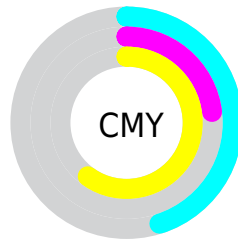


Cyan (29%)

Magenta (0%)

Yellow (48%)

Black (23%)



Cyan (45%)


Magenta (23%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7364, 45.9084, 19.4477 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 32.7364, 45.9084, 19.4477 by changing the saturation by 10% instead.


 32.7364, 45.9084,
19.4477


 32.7364, 45.9084,
19.4477


306.1463,
370.4403, 261.4139


 22.0829, 32.1735,
11.8141


 63.3212, 84.0819,
43.3360


 14.0347, 21.4941,
6.4963


 83.9832, 109.2893,
60.4278

 8.2267, 13.4856,
3.0755


 108.7120,
139.0897, 81.5094

 4.2934, 7.7638,
1.1333

 137.8730,
173.8675, 106.9994

 1.8694, 3.9442,
0.0000

171.8316,
214.0071, 137.3163

 0.5590, 1.6424,
0.0000

210.9531,

 0.0000, 0.3859,

259.8928, 172.8787

0.0000

255.6029,
311.9090, 214.1050

■ 0.0000, 0.0000,
0.0000

■ 32.7364, 45.9084,
19.4477

■ 32.7364, 45.9084,
19.4477

■ 30.0294, 44.6123,
14.8922

■ 35.8860, 47.4090,
25.2212

■ 27.7383, 43.5048,
11.4642

■ 39.4961, 49.1174,
32.2886

■ 25.8387, 42.5766,
9.0657


■ 43.5875, 51.0441,
40.7230


■ 24.3010, 41.8151,
7.5801

■ 48.1788, 53.1974,
50.5913


■ 23.0822, 41.2024,
6.8225


■ 53.2874, 55.5847,
61.9560

 22.9153, 41.1182,
6.7289

 58.9298, 58.2133,
74.8759

 65.1218, 61.0902,
89.4065

 71.4235, 64.0400,
103.2043

 75.3939, 66.0868,
103.3901

Harmonies

Analogous

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



40.4294, 45.9084, 13.8558



32.7364, 45.9084, 19.4477



28.4274, 45.9084, 34.1079

Triad

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



32.7364, 45.9084, 19.4477



37.6657, 45.9084, 118.3308



64.5093, 45.9084, 41.1512

Complementary

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



32.7364, 45.9084, 19.4477



28.7199, 20.5633, 54.6824

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.



63.4797, 45.9084, 70.1569



32.7364, 45.9084, 19.4477



47.0048, 45.9084, 122.4348

Square

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



32.7364, 45.9084, 19.4477



30.9700, 45.9084, 92.6458



56.7171, 45.9084, 102.3850



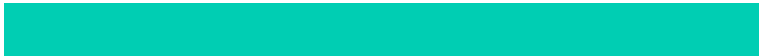
59.3523, 45.9084, 22.9669

Rectangle

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



32.7364, 45.9084, 19.4477



27.6150, 45.9084, 50.1961



56.7171, 45.9084, 102.3850



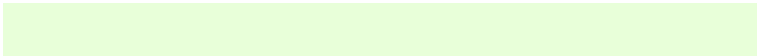
64.8916, 45.9084, 49.7774

Sweetspot

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



32.7375, 45.9104, 19.4487



81.5465, 93.6808, 79.2595



37.3426, 37.1309, 17.5114



17.0851, 19.8782, 16.1800



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.



32.7375, 45.9104, 19.4487



54.1987, 80.7183, 26.6611



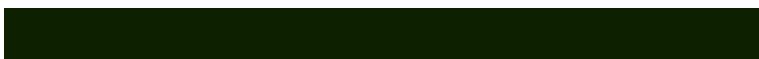
27.9499, 43.3853, 21.7968



10.3172, 11.4510, 10.7284



14.8148, 26.4662, 4.3277



0.7179, 1.1836, 0.1906

Inverse Universe

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



28.7199, 20.5633, 54.6824



46.0425, 29.4711, 97.8695



36.3366, 24.6108, 49.5710



10.0949, 10.0401, 12.6907



11.2676, 5.0691, 33.9412



0.5629, 0.2582, 1.4701

Previews

White Background



This preview shows how the XYZ color 32.7364, 45.9084, 19.4477 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 32.7364, 45.9084, 19.4477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

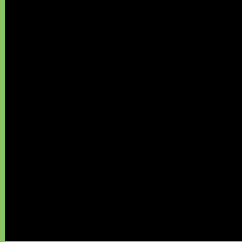
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.7364, 45.9084, 19.4477

Background



This preview shows how black text looks on a background with the XYZ color 32.7364, 45.9084, 19.4477.



This preview shows how white text looks on a background with the XYZ color 32.7364, 45.9084,

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

32.7364, 45.9084, 19.4477

Protanopia

41.6755, 45.4745, 17.4074

Deuteranopia

46.3198, 45.4720, 20.2456



Tritanopia

41.1007, 45.7381, 61.3057

Trichromacy



Original Color

32.7364, 45.9084, 19.4477

Protanomaly

37.8480, 45.3280, 18.0636

Deuteranomaly

40.0599, 44.8865, 19.9172

Tritanomaly

37.2929, 45.4651, 41.9321

Monochromacy



Original Color

32.7364, 45.9084, 19.4477

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

34.8591, 41.0225, 32.4664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7364, 45.9084, 19.4477 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(139, 196, 101)` looks like.

```
.text, #text, p{  
    color:rgb(139, 196, 101)  
}
```

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(139, 196, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 196, 101) }
```

Border

The CSS property to change the border of an element to XYZ 32.7364, 45.9084, 19.4477 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(139, 196, 101) }
```


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

```
.border{ border-color:rgb(139, 196, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 196, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 196, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 196, 101);  
box-shadow:4px 4px 4px 4px rgb(139, 196,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7364, 45.9084, 19.4477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 196, 101) }
```

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

```
.background{ background-color: rgb(139,  
196, 101) }
```

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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