

Converting Colors

XYZ(32.5876, 46.5600, 31.0271)

Have a look what the booklet for
XYZ(32.5876, 46.5600, 31.0271)
contains.

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Color

**XYZ(32.5465, 46.5749,
30.9414)**

Conversions

Conversions Part 1

Format	Color
Hex	77C789
RGB	119, 199, 137
RGB Percent	47%, 78%, 54%
CMY	0.5333, 0.2196, 0.4627
CMYK	0.40, 0.00, 0.31, 0.22
HSL	134°, 42%, 62%
HSV	134°, 40%, 78%
XYZ	32.5465, 46.5749, 30.9414
YIQ	168.0120, -27.7780, -36.2420

Conversions

Conversions Part 2

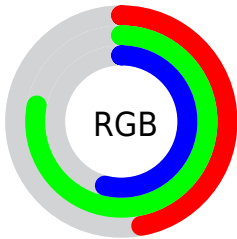
Format	Color
RYB	119, 184, 199
Decimal	7849865
CIELab	73.92, -37.77, 23.54
CIELCh	74, 44.504, 148.066
Yxy	46.5749, 0.2957, 0.4232
Android (android.graphics.Color)	4286039945 (0xFF77C789)
YUV	168.0120, -15.2889, -42.9835
Hunter-Lab	68.2458, -34.3033, 20.8911

Details

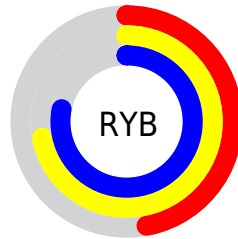
The XYZ color **32.5465, 46.5749, 30.9414** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **38.4920, 28.6729, 47.2233**, and the grayscale version is **37.3087, 39.2517, 42.7451**.

A 20% lighter version of the original color is **62.6195, 84.2803, 62.2575**, and **13.8735, 21.7585, 12.4854** is the 20% darker color. If you saturate the color by 10%, you get **29.0677, 44.9017, 25.4108**, and if you desaturate by 10%, it is **36.7577, 48.6101, 37.3338**.

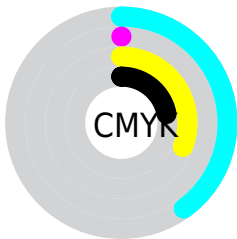
Distribution



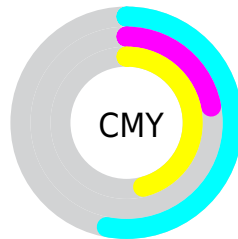
- Red (47%)
- Green (78%)
- Blue (54%)



- Red (47%)
- Yellow (72%)
- Blue (78%)



- Cyan (40%)
- Magenta (0%)
- Yellow (31%)
- Black (22%)



- Cyan (53%)
- Magenta (22%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5465, 46.5749, 30.9414 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 32.5465, 46.5749, 30.9414 by changing the saturation by 10% instead.

■ 32.5465, 46.5749,
30.9414

■ 32.5465, 46.5749,
30.9414

305.3025,
373.1151, 320.6111

■ 21.9368, 32.6997,
20.2961

■ 63.0263, 85.0787,
62.2263

■ 13.9268, 21.8965,
12.4243

■ 83.6271, 110.4762,
83.7030

■ 8.1512, 13.7809,
6.9073

■ 108.2890,
140.4832, 109.6273

■ 4.2444, 7.9684,
3.3266

137.3774,
175.4841, 140.4177

■ 1.8413, 4.0747,
1.2637

171.2576,
215.8634, 176.4927

■ 0.5424, 1.7155,
0.0318

210.2949,

■ 0.0000, 0.4336,

262.0054, 218.2709

0.0000

254.8548,
314.2945, 266.1709

■ 0.0000, 0.0000,
0.0000

■ 32.5465, 46.5749,
30.9414

■ 32.5465, 46.5749,
30.9414

■ 29.0677, 44.9017,
25.4108

■ 36.7577, 48.6101,
37.3338

■ 26.2751, 43.5634,
20.7021

■ 41.7368, 51.0208,
44.6196

■ 24.1226, 42.5384,
16.7768


■ 47.5214, 53.8270,
52.8324


■ 22.5569, 41.8001,
13.5919


■ 54.1454, 57.0457,
62.0032


■ 21.5154, 41.3172,
11.1005

■ 61.6408, 60.6927,
72.1618

 20.8937, 41.0364,
9.2797

 70.0380, 64.7829,
83.3364

 78.1398, 68.6988,
95.4969

 79.7143, 69.3286,
103.7881

Harmonies

Analogous

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



37.4739, 46.5749, 21.1119



32.5465, 46.5749, 30.9414



30.7093, 46.5749, 49.2525

Triad

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



32.5465, 46.5749, 30.9414



43.7554, 46.5749, 108.0820



59.1340, 46.5749, 32.8144

Complementary

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



32.5465, 46.5749, 30.9414



38.4920, 28.6729, 47.2233

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.



61.3250, 46.5749, 52.2004



32.5465, 46.5749, 30.9414



51.8374, 46.5749, 99.8367

Square

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



32.5465, 46.5749, 30.9414



36.6819, 46.5749, 97.5394



58.5119, 46.5749, 77.4984



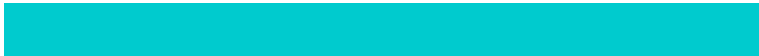
52.8341, 46.5749, 21.9444

Rectangle

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



32.5465, 46.5749, 30.9414



31.2953, 46.5749, 65.4975



58.5119, 46.5749, 77.4984



60.4062, 46.5749, 38.3383

Sweetspot

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



32.5477, 46.5768, 30.9424



81.0887, 93.2169, 89.5314



42.9677, 52.0855, 25.2420



17.0594, 19.8081, 18.7444



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.



32.5477, 46.5768, 30.9424



51.7273, 79.0170, 45.8476



35.9020, 47.9186, 48.6060



10.5936, 11.9263, 11.8100



13.4623, 26.3973, 6.1130



0.6658, 1.2613, 0.4390

Inverse Universe

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



38.4920, 28.6729, 47.2233



63.5015, 43.4972, 78.0550



35.0088, 27.2796, 28.8812



10.9770, 10.7742, 12.8623



18.9422, 9.3264, 20.7031



0.9228, 0.4519, 1.1165

Previews

White Background



This preview shows how the XYZ color 32.5465, 46.5749, 30.9414 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 32.5465, 46.5749, 30.9414 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 32.5465, 46.5749, 30.9414

Background



This preview shows how black text looks on a background with the XYZ color 32.5465, 46.5749, 30.9414.



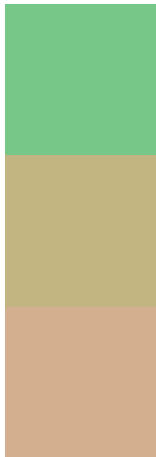
This preview shows how white text looks on a background with the XYZ color 32.5465, 46.5749,

30.9414.

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

32.5465, 46.5749, 30.9414

Protanopia

42.9920, 46.2348, 27.4272

Deuteranopia

46.9579, 46.1042, 32.4106



Tritanopia

39.3856, 46.3515, 65.2634

Trichromacy



Original Color

32.5465, 46.5749, 30.9414



Protanomaly

38.0844, 45.8479, 28.6721



Deuteranomaly

40.1013, 45.2550, 31.8208



Tritanomaly

36.4637, 46.1433, 50.7008

Monochromacy



Original Color

32.5465, 46.5749, 30.9414



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

34.7836, 41.1586, 38.0094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5465, 46.5749, 30.9414 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(119, 199, 137)` looks like.

```
.text, #text, p{  
    color:rgb(119, 199, 137)  
}
```

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(119, 199, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 199, 137) }
```

Border

The CSS property to change the border of an element to XYZ 32.5465, 46.5749, 30.9414 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(119, 199, 137) }
```


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

```
.border{ border-color:rgb(119, 199, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 199, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 199, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 199, 137);  
box-shadow:4px 4px 4px 4px rgb(119, 199,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5465, 46.5749, 30.9414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 199, 137) }
```

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

```
.background{ background-color: rgb(119,  
199, 137) }
```

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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