

Converting Colors

XYZ(32.8098, 60.4953, 25.8478)

Have a look what the booklet for
XYZ(32.8098, 60.4953, 25.8478)
contains.

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Color

**XYZ(32.9267, 60.7249,
25.9053)**

Conversions

Conversions Part 1

Format	Color
Hex	0EEB72
RGB	14, 235, 114
RGB Percent	5%, 92%, 45%
CMY	0.9451, 0.0784, 0.5529
CMYK	0.94, 0.00, 0.51, 0.08
HSL	147°, 89%, 49%
HSV	147°, 94%, 92%
XYZ	32.9267, 60.7249, 25.9053
YIQ	155.1270, -92.8750, -84.4830

Conversions

Conversions Part 2

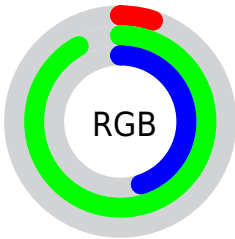
Format	Color
RYB	14, 166, 235
Decimal	977778
CIELab	82.23, -72.25, 45.43
CIELCh	82, 85.345, 147.835
Yxy	60.7249, 0.2754, 0.5079
Android (android.graphics.Color)	4279167858 (0xFF0EEB72)
YUV	155.1270, -20.2756, -123.7684
Hunter-Lab	77.9262, -60.9480, 34.8383

Details

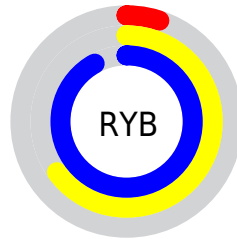
The XYZ color **32.9267, 60.7249, 25.9053** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **38.7934, 19.7268, 24.6890**, and the grayscale version is **31.3308, 32.9625, 35.8961**.

A 20% lighter version of the original color is **49.6379, 77.8579, 49.4577**, and **16.5916, 31.7921, 9.8194** is the 20% darker color. If you saturate the color by 10%, you get **32.3283, 60.4665, 23.6937**, and if you desaturate by 10%, it is **34.3132, 61.3507, 30.0679**.

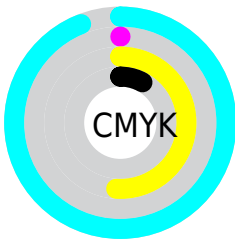
Distribution



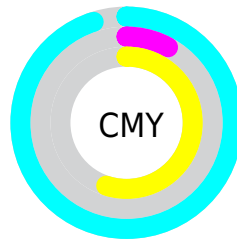
- Red (5%)
- Green (92%)
- Blue (45%)



- Red (5%)
- Yellow (65%)
- Blue (92%)



- Cyan (94%)
- Magenta (0%)
- Yellow (51%)
- Black (8%)



- Cyan (95%)
- Magenta (8%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9267, 60.7249, 25.9053 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 32.9267, 60.7249, 25.9053 by changing the saturation by 10% instead.


 32.9267, 60.7249,
25.9053


 32.9267, 60.7249,
25.9053


306.9901,
427.2646, 295.9076


 22.2293, 44.0032,
16.5277


 63.6165, 105.8805,
54.1043


 14.1430, 30.6730,
9.7399

 84.3396, 135.0832,
73.7628


 8.3026, 20.3500,
5.1235


 109.1353,
169.2150, 97.6854

 4.3426, 12.6497,
2.2599

 138.3689,
208.6603, 126.2905

 1.8977, 7.1878,
0.7086

 172.4059,
253.8036, 159.9967

 0.5755, 3.5798,
0.0000

211.6115,

 0.0000, 1.4414,

305.0291, 199.2226

0.0000

256.3511,
362.7213, 244.3867

■ 0.0000, 0.2469,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 32.9267, 60.7249,
25.9053

■ 32.9267, 60.7249,
25.9053

■ 32.3283, 60.4665,
23.6937

■ 34.3132, 61.3507,
30.0679

■ 36.3490, 62.2971,
34.8185

■ 39.1289, 63.6144,
40.1828

■ 42.7300, 65.3417,
46.1832

■ 47.2192, 67.5133,
52.8411

■ 52.6564, 70.1595,
60.1764

■ 59.0957, 73.3080,
68.2084

■ 66.5872, 76.9842,
76.9554

■ 75.1776, 81.2117,
86.4350

Harmonies

Analogous

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



42.9062, 60.7249, 11.2659



32.9267, 60.7249, 25.9053



29.3937, 60.7249, 62.4148

Triad

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



32.9267, 60.7249, 25.9053



56.4088, 60.7249, 224.7445



94.4088, 60.7249, 29.5671

Complementary

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



32.9267, 60.7249, 25.9053



38.7934, 19.7268, 24.6890

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.



100.0908, 60.7249, 69.9672



32.9267, 60.7249, 25.9053



75.5958, 60.7249, 199.7484

Square

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



32.9267, 60.7249, 25.9053



41.0595, 60.7249, 191.9613



92.5903, 60.7249, 134.8829



78.3625, 60.7249, 12.4666

Rectangle

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



32.9267, 60.7249, 25.9053



30.4601, 60.7249, 101.7018



92.5903, 60.7249, 134.8829



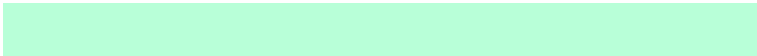
97.7245, 60.7249, 39.9865

Sweetspot

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



32.9282, 60.7274, 25.9067



67.8140, 86.6140, 78.0462



39.8704, 64.6479, 10.7928



13.8105, 18.1947, 15.8181



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.



32.9282, 60.7274, 25.9067



38.8764, 72.7666, 28.3307



43.3391, 64.8917, 80.7297



15.1517, 16.9755, 17.4816



18.0540, 33.6761, 13.5152



1.4656, 2.6635, 1.3136

Inverse Universe

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



38.7934, 19.7268, 24.6890



45.9457, 23.1423, 26.7098



34.5956, 18.0477, 2.5833



15.4105, 15.1921, 17.4472



21.3262, 10.7332, 12.7848



1.7230, 0.8622, 1.2589

Previews

White Background



This preview shows how the XYZ color 32.9267, 60.7249, 25.9053 looks on a white background.

Color Contrast Check

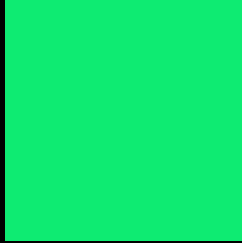
Large Text (above 18pt) WCAG AA × Fail

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 32.9267, 60.7249, 25.9053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

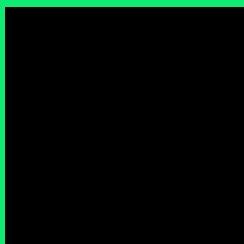
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

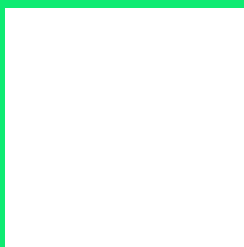
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.9267, 60.7249, 25.9053

Background



This preview shows how black text looks on a background with the XYZ color 32.9267, 60.7249, 25.9053.

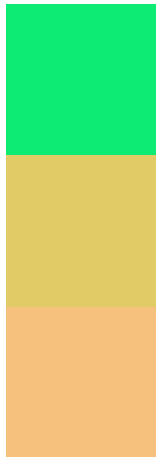


This preview shows how white text looks on a background with the XYZ color 32.9267, 60.7249,

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

32.9267, 60.7249, 25.9053

Protanopia

54.5446, 59.5384, 21.4492

Deuteranopia

60.4278, 59.0331, 27.6117



Tritanopia

45.7508, 60.1690, 90.8638

Trichromacy



Original Color

32.9267, 60.7249, 25.9053



Protanomaly

39.1670, 55.9583, 22.6466



Deuteranomaly

40.7050, 54.0693, 26.3802



Tritanomaly

38.9839, 59.3445, 60.4389

Monochromacy



Original Color

32.9267, 60.7249, 25.9053



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

27.5830, 39.1175, 30.9076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9267, 60.7249, 25.9053 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(14, 235, 114)` looks like.

```
.text, #text, p{  
    color:rgb(14, 235, 114)  
}
```

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(14, 235, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 235, 114) }
```

Border

The CSS property to change the border of an element to XYZ 32.9267, 60.7249, 25.9053 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(14, 235, 114) }
```


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

```
.border{ border-color:rgb(14, 235, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 235, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(14, 235, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(14, 235, 114); box-shadow:4px 4px 4px 4px rgb(14, 235, 114) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9267, 60.7249, 25.9053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 235, 114) }
```

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

```
.background{ background-color: rgb(14, 235,  
114) }
```

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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