

Converting Colors

XYZ(32.5426, 56.7978, 28.2362)

Have a look what the booklet for
XYZ(32.5426, 56.7978, 28.2362)
contains.

XYZ(32.5218, 56.7178, 28.3023)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.5218, 56.7178,
28.3023)**

Conversions

Conversions Part 1

Format	Color
Hex	39E27C
RGB	57, 226, 124
RGB Percent	22%, 89%, 49%
CMY	0.7765, 0.1137, 0.5137
CMYK	0.75, 0.00, 0.45, 0.11
HSL	144°, 74%, 55%
HSV	144°, 75%, 89%
XYZ	32.5218, 56.7178, 28.3023
YIQ	163.8410, -67.9820, -67.5500

Conversions

Conversions Part 2

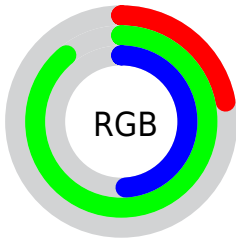
Format	Color
RYB	57, 178, 226
Decimal	3793532
CIELab	80.02, -64.17, 37.91
CIELCh	80, 74.530, 149.423
Yxy	56.7178, 0.2767, 0.4825
Android (android.graphics.Color)	4281983612 (0xFF39E27C)
YUV	163.8410, -19.6416, -93.6996
Hunter-Lab	75.3112, -54.7126, 30.4364

Details

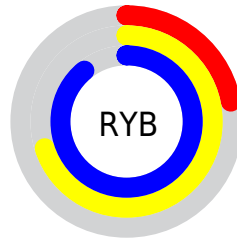
The XYZ color **32.5218, 56.7178, 28.3023** is a dark color, and the websafe version is hex **00CC66**. The color can be described as middle washed spring green. A complement of this color would be **39.0870, 21.5994, 34.9121**, and the grayscale version is **35.3260, 37.1657, 40.4734**.

A 20% lighter version of the original color is **52.5483, 79.2464, 54.6460**, and **15.3906, 28.8570, 11.0621** is the 20% darker color. If you saturate the color by 10%, you get **30.7047, 55.8755, 24.0222**, and if you desaturate by 10%, it is **35.0340, 57.9078, 33.2404**.

Distribution



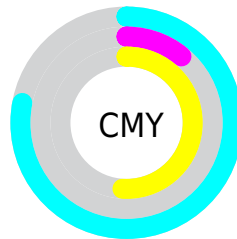
- Red (22%)
- Green (89%)
- Blue (49%)



- Red (22%)
- Yellow (70%)
- Blue (89%)



- Cyan (75%)
- Magenta (0%)
- Yellow (45%)
- Black (11%)





- Cyan (78%)
- Magenta (11%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5218, 56.7178, 28.3023 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 32.5218, 56.7178, 28.3023 by changing the saturation by 10% instead.


 32.5218, 56.7178,
28.3023


 32.5218, 56.7178,
28.3023


305.1926,
412.3910, 307.8659


 21.9178, 40.7787,
18.3126


 62.9879, 100.0533,
57.9956


 13.9128, 28.1462,
11.0029


 83.5808, 128.2185,
78.5363


 8.1413, 18.4359,
5.9546


 108.2340,
161.2279, 103.4312

 4.2381, 11.2634,
2.7492

 137.3129,
199.4658, 133.0987

 1.8377, 6.2443,
0.9680

 171.1828,
243.3167, 167.9573

 0.5402, 2.9942,
0.0000

210.2092,

 0.0000, 1.1287,

293.1649, 208.4257

0.0000

254.7574,
349.3949, 254.9224

■ 0.0000, 0.0023,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 32.5218, 56.7178,
28.3023

■ 32.5218, 56.7178,
28.3023

■ 30.7047, 55.8755,
24.0222

■ 35.0340, 57.9078,
33.2404


■ 29.4910, 55.3295,
20.3666


■ 38.3091, 59.4752,
38.8599


■ 29.0258, 55.1262,
18.6939


■ 42.4110, 61.4540,
45.1878


■ 47.3956, 63.8725,
52.2482

 53.3134, 66.7564,
60.0641

 60.2113, 70.1293,
68.6575

 68.1328, 74.0133,
78.0495

 77.1187, 78.4290,
88.2601

 85.1902, 82.3559,
99.2145

Harmonies

Analogous

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



40.8303, 56.7178, 13.8715



32.5218, 56.7178, 28.3023



29.7162, 56.7178, 60.9192

Triad

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



32.5218, 56.7178, 28.3023



53.6156, 56.7178, 188.3357



83.4619, 56.7178, 29.1766

Complementary

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



32.5218, 56.7178, 28.3023



39.0870, 21.5994, 34.9121

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.



88.5884, 56.7178, 62.6005



32.5218, 56.7178, 28.3023



69.5179, 56.7178, 166.6146

Square

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



32.5218, 56.7178, 28.3023



40.4094, 56.7178, 164.9908



83.0697, 56.7178, 114.6432



70.1220, 56.7178, 14.1845

Rectangle

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



32.5218, 56.7178, 28.3023



30.8434, 56.7178, 93.8503



83.0697, 56.7178, 114.6432



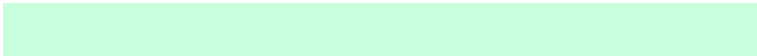
86.3025, 56.7178, 37.9658

Sweetspot

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



32.5232, 56.7201, 28.3036



72.3565, 88.8764, 81.8461



42.6784, 62.2903, 13.6452



14.9860, 18.7784, 16.8808



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.



32.5232, 56.7201, 28.3036



39.3540, 73.0053, 28.6882



40.0605, 59.7350, 67.9942



13.7527, 15.4268, 15.7331



16.6133, 31.4702, 10.9525



1.1948, 2.1986, 0.9868

Inverse Universe

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



39.0870, 21.5994, 34.9121



48.3007, 24.6578, 37.3433



34.1583, 19.6279, 8.9577



14.0529, 13.8388, 16.0487



20.5049, 10.2690, 14.5905



1.4650, 0.7293, 1.2417

Previews

White Background



This preview shows how the XYZ color 32.5218, 56.7178, 28.3023 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 32.5218, 56.7178, 28.3023 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

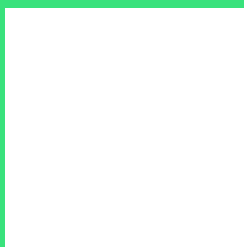
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5218, 56.7178, 28.3023

Background



This preview shows how black text looks on a background with the XYZ color 32.5218, 56.7178, 28.3023.



This preview shows how white text looks on a background with the XYZ color 32.5218, 56.7178,

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

32.5218, 56.7178, 28.3023

Protanopia

51.2658, 55.7237, 23.6765

Deuteranopia

56.4778, 55.3221, 29.8918



Tritanopia

43.6160, 56.5153, 84.2110

Trichromacy



Original Color

32.5218, 56.7178, 28.3023



Protanomaly

39.8673, 53.6652, 25.0868



Deuteranomaly

41.7274, 52.3988, 29.0338



Tritanomaly

38.2420, 55.8334, 58.6305

Monochromacy



Original Color

32.5218, 56.7178, 28.3023



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

31.6526, 42.0705, 34.8859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5218, 56.7178, 28.3023 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(57, 226, 124)` looks like.

```
.text, #text, p{  
    color:rgb(57, 226, 124)  
}
```

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(57, 226, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 226, 124) }
```

Border

The CSS property to change the border of an element to XYZ 32.5218, 56.7178, 28.3023 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(57, 226, 124) }
```


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

```
.border{ border-color:rgb(57, 226, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 226, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 226, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 226, 124);  
box-shadow:4px 4px 4px 4px rgb(57, 226,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5218, 56.7178, 28.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 226, 124) }
```

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

```
.background{ background-color: rgb(57, 226,  
124) }
```

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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