

Converting Colors

XYZ(30.5195, 54.1376, 23.0539)

Have a look what the booklet for
XYZ(30.5195, 54.1376, 23.0539)
contains.

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Color

**XYZ(30.5730, 54.2248,
23.0424)**

Conversions

Conversions Part 1

Format	Color
Hex	3ADE6C
RGB	58, 222, 108
RGB Percent	23%, 87%, 42%
CMY	0.7725, 0.1294, 0.5765
CMYK	0.74, 0.00, 0.51, 0.13
HSL	138°, 71%, 55%
HSV	138°, 74%, 87%
XYZ	30.5730, 54.2248, 23.0424
YIQ	159.9680, -61.1500, -70.2220

Conversions

Conversions Part 2

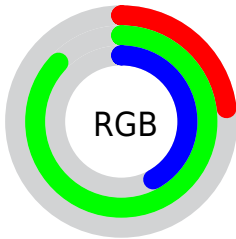
Format	Color
RYB	58, 184, 222
Decimal	3858028
CIELab	78.59, -65.14, 43.91
CIELCh	79, 78.556, 146.019
Yxy	54.2248, 0.2835, 0.5028
Android (android.graphics.Color)	4282048108 (0xFF3ADE6C)
YUV	159.9680, -25.6202, -89.4259
Hunter-Lab	73.6375, -54.7555, 32.9934

Details

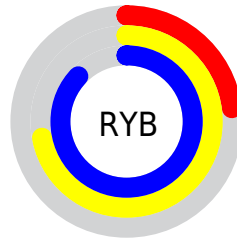
The XYZ color **30.5730, 54.2248, 23.0424** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark muted spring green. A complement of this color would be **39.0854, 21.5353, 41.1284**, and the grayscale version is **33.5347, 35.2811, 38.4212**.

A 20% lighter version of the original color is **51.0951, 78.6824, 46.2124**, and **14.1937, 27.2057, 8.3740** is the 20% darker color. If you saturate the color by 10%, you get **28.7998, 53.3989, 19.0457**, and if you desaturate by 10%, it is **33.0502, 55.3999, 27.8333**.

Distribution



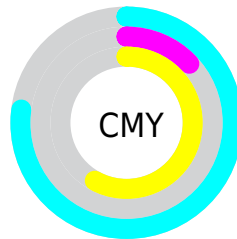
- Red (23%)
- Green (87%)
- Blue (42%)



- Red (23%)
- Yellow (72%)
- Blue (87%)



- Cyan (74%)
- Magenta (0%)
- Yellow (51%)
- Black (13%)





- Cyan (77%)
- Magenta (13%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5730, 54.2248, 23.0424 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 30.5730, 54.2248, 23.0424 by changing the saturation by 10% instead.


 30.5730, 54.2248,
23.0424


 30.5730, 54.2248,
23.0424


296.4284,
402.9667, 281.0717


 20.4241, 38.7814,
14.4192


 59.9476, 96.4042,
49.3870


 12.8138, 26.5897,
8.2707


 79.9041, 123.9091,
67.9455


 7.3766, 17.2653,
4.1784

 103.8604,
156.2032, 90.6529

 3.7471, 10.4238,
1.7237

 132.1821,
193.6710, 117.9277

 1.5601, 5.6809,
0.3769

 165.2343,
236.6968, 150.1884

 0.3662, 2.6520,
0.0000

203.3826,

 0.0000, 0.9529,

285.6651, 187.8536

0.0000

246.9921,
340.9603, 231.3419

■ 0.0000, 0.0000,
0.0000

■ 30.5730, 54.2248,
23.0424

■ 30.5730, 54.2248,
23.0424

■ 28.7998, 53.3989,
19.0457

■ 33.0502, 55.3999,
27.8333

■ 27.6418, 52.8726,
15.7955


■ 36.2982, 56.9532,
33.4552


■ 27.1561, 52.6581,
14.1511


■ 40.3798, 58.9179,
39.9467


■ 45.3502, 61.3217,
47.3430

■ 51.2597, 64.1899,
55.6775

 58.1549, 67.5456,
64.9814

 66.0789, 71.4108,
75.2850

 75.0725, 75.8056,
86.6169

 84.1340, 80.2133,
98.9560

Harmonies

Analogous

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



39.5445, 54.2248, 10.7707



30.5730, 54.2248, 23.0424



27.1670, 54.2248, 53.3144

Triad

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



30.5730, 54.2248, 23.0424



49.4984, 54.2248, 191.5983



83.2123, 54.2248, 28.9669

Complementary

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



30.5730, 54.2248, 23.0424



39.0854, 21.5353, 41.1284

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.



87.3349, 54.2248, 65.1649



30.5730, 54.2248, 23.0424



65.7426, 54.2248, 173.6854

Square

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



30.5730, 54.2248, 23.0424



36.6176, 54.2248, 161.8066



80.3983, 54.2248, 120.7155



70.0465, 54.2248, 12.7904

Rectangle

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



30.5730, 54.2248, 23.0424



27.8811, 54.2248, 85.8532



80.3983, 54.2248, 120.7155



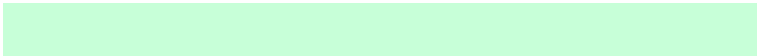
85.8020, 54.2248, 38.4888

Sweetspot

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



30.5743, 54.2270, 23.0436



71.6818, 88.6065, 78.2929



44.0763, 61.4120, 13.5340



14.8281, 18.7152, 16.0495



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.



30.5743, 54.2270, 23.0436



38.4092, 72.6352, 23.3641



37.0748, 56.8272, 57.2748



13.7000, 15.4057, 15.4552



16.1730, 31.2941, 8.6342



1.1601, 2.1847, 0.8040

Inverse Universe

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



39.0854, 21.5353, 41.1284



50.4990, 25.6299, 48.6330



33.5184, 19.3086, 11.8134



14.1078, 13.8607, 16.3376



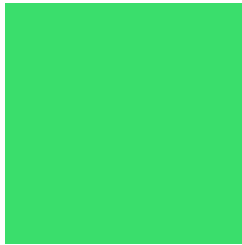
21.4251, 10.6370, 19.4362



1.5244, 0.7530, 1.5542

Previews

White Background



This preview shows how the XYZ color 30.5730, 54.2248, 23.0424 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 30.5730, 54.2248, 23.0424 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

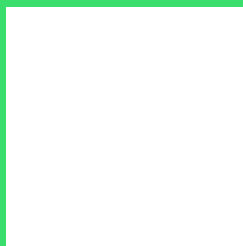
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5730, 54.2248, 23.0424

Background



This preview shows how black text looks on a background with the XYZ color 30.5730, 54.2248, 23.0424.

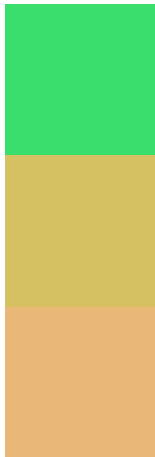


This preview shows how white text looks on a background with the XYZ color 30.5730, 54.2248,

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

30.5730, 54.2248, 23.0424

Protanopia

48.7151, 53.1679, 19.2501

Deuteranopia

54.0148, 52.9126, 24.5058



Tritanopia

41.7835, 53.8012, 80.1340

Trichromacy



Original Color

30.5730, 54.2248, 23.0424



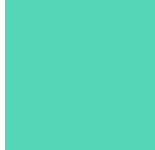
Protanomaly

37.8958, 51.3131, 20.4775



Deuteranomaly

39.5935, 50.0381, 23.4911



Tritanomaly

36.3401, 53.4433, 53.2000

Monochromacy



Original Color

30.5730, 54.2248, 23.0424



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

29.9096, 40.0010, 31.3439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5730, 54.2248, 23.0424 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(58, 222, 108)` looks like.

```
.text, #text, p{  
    color:rgb(58, 222, 108)  
}
```

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(58, 222, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 222, 108) }
```

Border

The CSS property to change the border of an element to XYZ 30.5730, 54.2248, 23.0424 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(58, 222, 108) }
```


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

```
.border{ border-color:rgb(58, 222, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 222, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(58, 222, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(58, 222, 108); box-shadow:4px 4px 4px 4px rgb(58, 222, 108) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5730, 54.2248, 23.0424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 222, 108) }
```

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

```
.background{ background-color: rgb(58, 222,  
108) }
```

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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