

Converting Colors

XYZ(30.8960, 53.0000, 28.1095)

Have a look what the booklet for
XYZ(30.8960, 53.0000, 28.1095)
contains.

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Color

**XYZ(30.9577, 53.1358,
28.0266)**

Conversions

Conversions Part 1

Format	Color
Hex	3DDB7D
RGB	61, 219, 125
RGB Percent	24%, 86%, 49%
CMY	0.7608, 0.1412, 0.5098
CMYK	0.72, 0.00, 0.43, 0.14
HSL	144°, 69%, 55%
HSV	144°, 72%, 86%
XYZ	30.9577, 53.1358, 28.0266
YIQ	161.0420, -63.9940, -62.7300

Conversions

Conversions Part 2

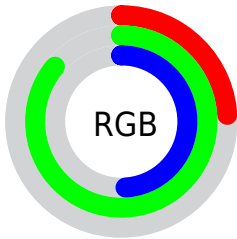
Format	Color
RYB	61, 173, 219
Decimal	4053885
CIELab	77.96, -60.96, 34.77
CIELCh	78, 70.180, 150.303
Yxy	53.1358, 0.2761, 0.4739
Android (android.graphics.Color)	4282243965 (0xFF3DDB7D)
YUV	161.0420, -17.7687, -87.7368
Hunter-Lab	72.8943, -51.7573, 28.2300

Details

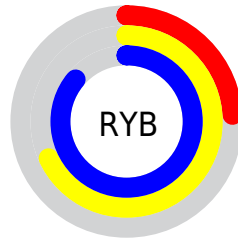
The XYZ color **30.9577, 53.1358, 28.0266** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **36.8003, 20.7653, 33.0812**, and the grayscale version is **33.9985, 35.7690, 38.9525**.

A 20% lighter version of the original color is **52.9499, 79.4418, 55.1909**, and **14.3332, 26.6888, 10.8746** is the 20% darker color. If you saturate the color by 10%, you get **29.0963, 52.2676, 23.8765**, and if you desaturate by 10%, it is **33.4811, 54.3356, 32.7801**.

Distribution



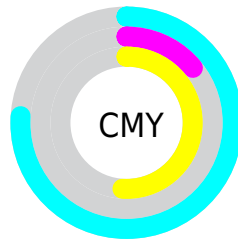
- Red (24%)
- Green (86%)
- Blue (49%)



- Red (24%)
- Yellow (68%)
- Blue (86%)



- Cyan (72%)
- Magenta (0%)
- Yellow (43%)
- Black (14%)



- Cyan (76%)
- Magenta (14%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9577, 53.1358, 28.0266 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 30.9577, 53.1358, 28.0266 by changing the saturation by 10% instead.


 30.9577, 53.1358,
28.0266


 30.9577, 53.1358,
28.0266


298.1738,
398.8059, 306.5099


 20.7183, 37.9112,
18.1065


 60.5498, 94.8042,
57.5505


 13.0295, 25.9138,
10.8562


 80.6331, 122.0167,
77.9914


 7.5260, 16.7591,
5.8573


 104.7286,
153.9940, 102.7763

 3.8424, 10.0629,
2.6911

 133.2014,
191.1205, 132.3238

 1.6134, 5.4407,
0.9390

 166.4170,
233.7805, 167.0523

 0.4011, 2.5081,
0.0000

204.7406,

 0.0000, 0.8807,

282.3585, 207.3805

0.0000

248.5378,
337.2388, 253.7269

■ 0.0000, 0.0000,
0.0000

■ 30.9577, 53.1358,
28.0266

■ 30.9577, 53.1358,
28.0266

■ 29.0963, 52.2676,
23.8765

■ 33.4811, 54.3356,
32.7801

■ 27.8167, 51.6858,
20.3005


■ 36.7262, 55.8928,
38.1571


■ 27.1234, 51.3814,
17.8752


■ 40.7501, 57.8380,
44.1812


■ 45.6029, 60.1967,
50.8736

■ 51.3303, 62.9918,
58.2545

 57.9747, 66.2449,
66.3432

 65.5754, 69.9760,
75.1582

 74.1696, 74.2038,
84.7173

 82.6399, 78.3519,
94.9837

Harmonies

Analogous

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



38.3808, 53.1358, 14.1903



30.9577, 53.1358, 28.0266



28.5355, 53.1358, 58.2540

Triad

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



30.9577, 53.1358, 28.0266



50.6428, 53.1358, 170.3292



76.7332, 53.1358, 27.6044

Complementary

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



30.9577, 53.1358, 28.0266



36.8003, 20.7653, 33.0812

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.



81.5720, 53.1358, 57.4596



30.9577, 53.1358, 28.0266



64.9439, 53.1358, 150.0873

Square

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



30.9577, 53.1358, 28.0266



38.5812, 53.1358, 150.8384



76.9166, 53.1358, 103.6762



64.6603, 53.1358, 14.0352

Rectangle

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



30.9577, 53.1358, 28.0266



29.6647, 53.1358, 88.0654



76.9166, 53.1358, 103.6762



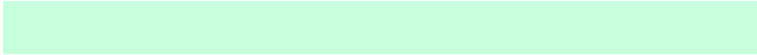
79.3475, 53.1358, 35.4904

Sweetspot

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



30.9590, 53.1380, 28.0278



72.4211, 88.9022, 82.1858



39.8473, 58.0503, 13.5201



15.0011, 18.7844, 16.9605



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.



30.9590, 53.1380, 28.0278



39.9679, 73.2762, 30.7798



38.0610, 55.9787, 65.4263



13.1040, 14.6932, 15.0107



16.1334, 30.4860, 10.8676



1.0872, 1.9918, 0.9251

Inverse Universe

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



36.8003, 20.7653, 33.0812



48.5922, 25.0777, 37.9429



32.2161, 18.9316, 8.9411



13.3795, 13.1809, 15.2599



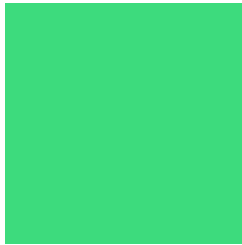
19.7786, 9.9125, 13.7459



1.3236, 0.6591, 1.1131

Previews

White Background



This preview shows how the XYZ color 30.9577, 53.1358, 28.0266 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 30.9577, 53.1358, 28.0266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

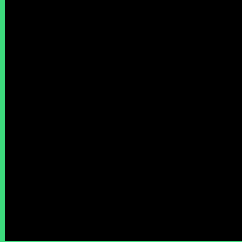
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.9577, 53.1358, 28.0266

Background



This preview shows how black text looks on a background with the XYZ color 30.9577, 53.1358, 28.0266.

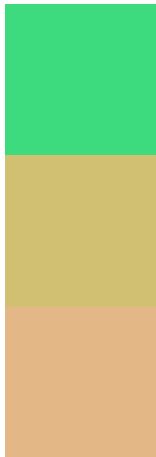


This preview shows how white text looks on a background with the XYZ color 30.9577, 53.1358,

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

30.9577, 53.1358, 28.0266

Protanopia

47.9626, 52.0318, 23.4348

Deuteranopia

53.2315, 52.0822, 29.8015



Tritanopia

40.8044, 52.6041, 78.5240

Trichromacy



Original Color

30.9577, 53.1358, 28.0266



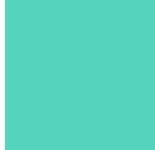
Protanomaly

37.6742, 50.0499, 24.8145



Deuteranomaly

39.7730, 49.3340, 28.8989



Tritanomaly

36.1177, 52.1507, 55.7394

Monochromacy



Original Color

30.9577, 53.1358, 28.0266



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

30.5307, 39.9540, 34.1197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9577, 53.1358, 28.0266 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(61, 219, 125)` looks like.

```
.text, #text, p{  
    color:rgb(61, 219, 125)  
}
```

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(61, 219, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 219, 125) }
```

Border

The CSS property to change the border of an element to XYZ 30.9577, 53.1358, 28.0266 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(61, 219, 125) }
```


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

```
.border{ border-color:rgb(61, 219, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 219, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 219, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 219, 125);  
box-shadow:4px 4px 4px 4px rgb(61, 219,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9577, 53.1358, 28.0266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 219, 125) }
```

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

```
.background{ background-color: rgb(61, 219,  
125) }
```

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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