

Converting Colors

XYZ(35.4206, 60.9810, 20.1345)

Have a look what the booklet for
XYZ(35.4206, 60.9810, 20.1345)
contains.

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Color

**XYZ(35.3026, 60.8131,
20.0027)**

Conversions

Conversions Part 1

Format	Color
Hex	5DE85C
RGB	93, 232, 92
RGB Percent	36%, 91%, 36%
CMY	0.6353, 0.0902, 0.6392
CMYK	0.60, 0.00, 0.60, 0.09
HSL	120°, 75%, 64%
HSV	120°, 60%, 91%
XYZ	35.3026, 60.8131, 20.0027
YIQ	174.4790, -37.9040, -73.0080

Conversions

Conversions Part 2

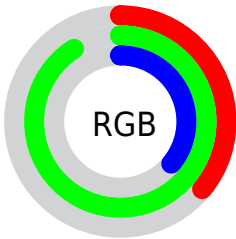
Format	Color
R_{YB}	92, 232, 231
Decimal	6154332
CIE _{Lab}	82.28, -64.20, 55.75
CIE _{LCh}	82, 85.029, 139.030
Yxy	60.8131, 0.3040, 0.5237
Android (android.graphics.Color)	4284344412 (0xFF5DE85C)
YUV	174.4790, -40.6621, -71.4571
Hunter-Lab	77.9828, -55.6633, 39.3799

Details

The XYZ color **35.3026, 60.8131, 20.0027** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted green. A complement of this color would be **51.3511, 30.4717, 79.5223**, and the grayscale version is **40.6970, 42.8164, 46.6271**.

A 20% lighter version of the original color is **54.4659, 80.5639, 39.8739**, and **15.6484, 30.7873, 6.7869** is the 20% darker color. If you saturate the color by 10%, you get **32.4492, 59.4437, 15.3619**, and if you desaturate by 10%, it is **39.1714, 62.6737, 26.3142**.

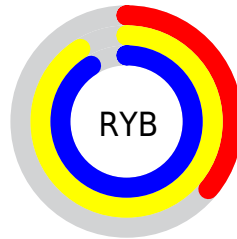
Distribution



Red (36%)

Green (91%)

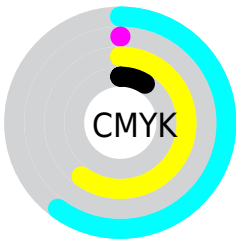
Blue (36%)



Red (36%)

Yellow (91%)

Blue (91%)

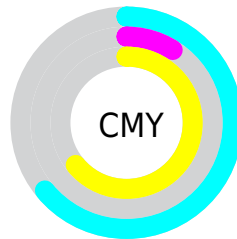


Cyan (60%)

Magenta (0%)

Yellow (60%)

Black (9%)



Cyan (64%)


Magenta (9%)


Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3026, 60.8131, 20.0027 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 35.3026, 60.8131, 20.0027 by changing the saturation by 10% instead.


 35.3026, 60.8131,
20.0027


 35.3026, 60.8131,
20.0027


317.3866,
427.5884, 264.5345


 24.0637, 44.0744,
12.2129


 67.2852, 106.0083,
44.2807


 15.5058, 30.7290,
6.7646


 88.7596, 135.2335,
61.6061

 9.2638, 20.3926,
3.2391


 114.3765,
169.3896, 82.9470

 4.9721, 12.6807,
1.2180

 144.5014,
208.8611, 108.7221

 2.2655, 7.2091,
0.0000

179.4994,
254.0324, 139.3498

 0.7769, 3.5932,
0.0000

219.7361,

 0.0000, 1.4487,

305.2877, 175.2487

0.0000

265.5767,
363.0116, 216.8375

■ 0.0000, 0.2522,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 35.3026, 60.8131,
20.0027

■ 35.3026, 60.8131,
20.0027

■ 32.4492, 59.4437,
15.3619

■ 39.1714, 62.6737,
26.3142

■ 30.5123, 58.5125,
12.2298


■ 44.1341, 65.0575,
34.4301


■ 29.3808, 57.9681,
10.4200


■ 50.2664, 68.0028,
44.4754


■ 28.8785, 57.7263,
9.6202

■ 57.6362, 71.5422,
56.5629

 66.3061, 75.7056,
70.7966

 76.3345, 80.5212,
87.2734

 87.7763, 86.0152,
106.0845

 88.1478, 86.1957,
106.5993

Harmonies

Analogous

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



47.1789, 60.8131, 9.6154



35.3026, 60.8131, 20.0027



29.9223, 60.8131, 48.9994

Triad

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



35.3026, 60.8131, 20.0027



51.4272, 60.8131, 220.2006



97.3433, 60.8131, 38.7412

Complementary

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



35.3026, 60.8131, 20.0027



51.3511, 30.4717, 79.5223

Split Complementary

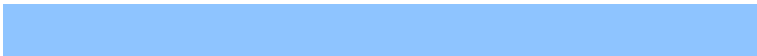
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.1464, 60.8131, 87.0539



35.3026, 60.8131, 20.0027



69.9086, 60.8131, 212.2206

Square

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



35.3026, 60.8131, 20.0027



37.8516, 60.8131, 173.5976



88.2652, 60.8131, 155.4356



83.7574, 60.8131, 15.8660

Rectangle

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



35.3026, 60.8131, 20.0027



29.7905, 60.8131, 83.1240



88.2652, 60.8131, 155.4356



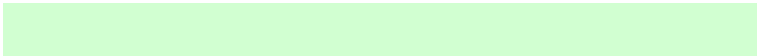
99.4401, 60.8131, 51.7704

Sweetspot

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



35.3041, 60.8156, 20.0041



73.6964, 89.7460, 73.8250



63.4174, 74.3400, 21.1328



15.1447, 18.9071, 14.7687



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.



35.3041, 60.8156, 20.0041



39.6357, 73.3851, 18.1045



39.5883, 62.5178, 43.0876



14.1988, 16.0940, 15.2626



16.0360, 32.0483, 5.3408



1.1884, 2.3700, 0.3948

Inverse Universe

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



51.3511, 30.4717, 79.5223



61.0896, 32.7905, 97.7172



43.8390, 27.5041, 38.2803



14.9845, 14.6097, 18.1745



26.2700, 12.6086, 43.4323



1.9446, 0.9334, 3.2096

Previews

White Background



This preview shows how the XYZ color 35.3026, 60.8131, 20.0027 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 35.3026, 60.8131, 20.0027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

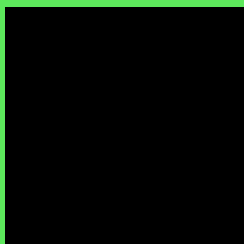
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

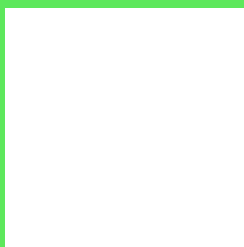
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3026, 60.8131, 20.0027

Background



This preview shows how black text looks on a background with the XYZ color 35.3026, 60.8131, 20.0027.



This preview shows how white text looks on a background with the XYZ color 35.3026, 60.8131,

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

35.3026, 60.8131, 20.0027

Protanopia

54.2813, 59.5052, 16.8083

Deuteranopia

60.5851, 59.2589, 21.0769



Tritanopia

48.8192, 60.6530, 87.7314

Trichromacy



Original Color

35.3026, 60.8131, 20.0027



Protanomaly

44.0864, 58.2300, 17.7200



Deuteranomaly

46.3032, 56.7330, 20.3145



Tritanomaly

42.0052, 59.8391, 54.1359

Monochromacy



Original Color

35.3026, 60.8131, 20.0027



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

36.2262, 47.0636, 33.5604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3026, 60.8131, 20.0027 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(93, 232, 92)` looks like.

```
.text, #text, p{  
    color:rgb(93, 232, 92)  
}
```

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(93, 232, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 232, 92) }
```

Border

The CSS property to change the border of an element to XYZ 35.3026, 60.8131, 20.0027 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(93, 232, 92) }
```


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

```
.border{ border-color:rgb(93, 232, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 232, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 232, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 232, 92);  
box-shadow:4px 4px 4px 4px rgb(93, 232,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3026, 60.8131, 20.0027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 232, 92) }
```

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

```
.background{ background-color: rgb(93, 232,  
92) }
```

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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