

Converting Colors

XYZ(53.1867, 65.1566, 21.3291)

Have a look what the booklet for
XYZ(53.1867, 65.1566, 21.3291)
contains.

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Color

**XYZ(53.2514, 65.1901,
21.3316)**

Conversions

Conversions Part 1

Format	Color
Hex	CEDC62
RGB	206, 220, 98
RGB Percent	81%, 86%, 38%
CMY	0.1922, 0.1372, 0.6157
CMYK	0.06, 0.00, 0.55, 0.14
HSL	67°, 64%, 62%
HSV	67°, 55%, 86%
XYZ	53.2514, 65.1901, 21.3316
YIQ	201.9060, 30.8180, -40.9100

Conversions

Conversions Part 2

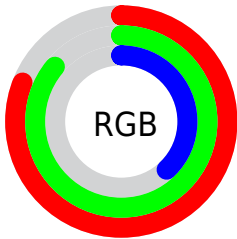
Format	Color
R_{YB}	98, 220, 112
Decimal	13556834
CIE _{Lab}	84.58, -21.35, 57.26
CIE _{LCh}	85, 61.108, 110.448
Yxy	65.1901, 0.3810, 0.4664
Android (android.graphics.Color)	4291746914 (0xFFCEDC62)
YUV	201.9060, -51.2257, 3.5904
Hunter-Lab	80.7404, -23.5680, 40.8539

Details

The XYZ color **53.2514, 65.1901, 21.3316** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.9704, 17.3490, 69.7995**, and the grayscale version is **56.3779, 59.3139, 64.5929**.

A 20% lighter version of the original color is **82.6675, 95.0470, 43.6946**, and **26.3042, 33.4817, 7.4591** is the 20% darker color. If you saturate the color by 10%, you get **51.6572, 64.4744, 16.5602**, and if you desaturate by 10%, it is **55.1455, 66.0317, 27.6096**.

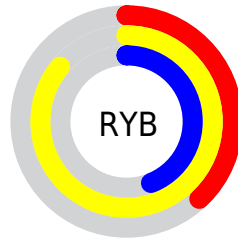
Distribution



Red (81%)

Green (86%)

Blue (38%)



Red (38%)

Yellow (86%)

Blue (44%)

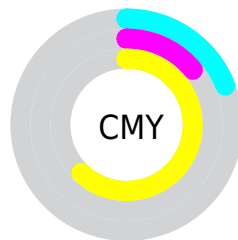


Cyan (6%)

Magenta (0%)

Yellow (55%)

Black (14%)



Cyan (19%)

Magenta (14%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2514, 65.1901, 21.3316 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 53.2514, 65.1901, 21.3316 by changing the saturation by 10% instead.

53.2514, 65.1901,
21.3316

53.2514, 65.1901,
21.3316

389.4940,
443.4748, 271.8742

38.2318, 47.6152,
13.1730

94.1375, 112.3231,
46.5267

26.3407, 33.5223,
7.4157

120.7348,
142.6501, 64.4003

17.2127, 22.5269,
3.6410

151.9220,
177.9965, 86.3493

10.4825, 14.2445,
1.4306

188.0644,
218.7468, 112.7922

5.7847, 8.2909,
0.1654

229.5275,
265.2854, 144.1476

2.7540, 4.2817,
0.0000

276.6765,

1.0251, 1.8323,

317.9967, 180.8341

0.0000

329.8769,
377.2650, 223.2701

■ 0.0000, 0.5072,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.2514, 65.1901,
21.3316

■ 53.2514, 65.1901,
21.3316

■ 51.6572, 64.4744,
16.5602

■ 55.1455, 66.0317,
27.6096

■ 50.3340, 63.8661,
13.1648


■ 57.3561, 66.9990,
35.5022


■ 49.2556, 63.3569,
10.9997


■ 59.9042, 68.1025,
45.1123


■ 48.3876, 62.9332,
9.8842


■ 62.8074, 69.3494,
56.5331


 48.0354, 62.7580,
9.5818

 66.0823, 70.7463,
69.8512

 69.7443, 72.2993,
85.1474

 73.8079, 74.0143,
102.4979

 75.0732, 74.6114,
105.0524

 75.8721, 75.0232,
105.0898

Harmonies

Analogous

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



66.4117, 65.1901, 19.7196



53.2514, 65.1901, 21.3316



43.8755, 65.1901, 33.1187

Triad

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



53.2514, 65.1901, 21.3316



46.7298, 65.1901, 145.9803



91.5562, 65.1901, 84.1757

Complementary

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



53.2514, 65.1901, 21.3316



23.9704, 17.3490, 69.7995

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.



84.4380, 65.1901, 130.2868



53.2514, 65.1901, 21.3316



57.7141, 65.1901, 173.6684

Square

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



53.2514, 65.1901, 21.3316



40.5110, 65.1901, 100.5543



71.5725, 65.1901, 167.0588



89.8960, 65.1901, 47.8616

Rectangle

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



53.2514, 65.1901, 21.3316



40.4057, 65.1901, 48.7136



71.5725, 65.1901, 167.0588



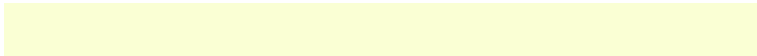
90.0755, 65.1901, 99.1714

Sweetspot

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



53.2529, 65.1931, 21.3330



87.0322, 96.5841, 76.1116



37.3197, 27.2943, 14.8575



18.4476, 20.5954, 15.5734



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.



53.2529, 65.1931, 21.3330



71.7546, 89.8904, 21.9870



39.7971, 58.2563, 20.7032



14.0074, 15.1840, 13.9181



28.2505, 36.8612, 5.6260



1.8729, 2.4100, 0.3665

Inverse Universe

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



23.9704, 17.3490, 69.7995



26.9136, 16.5129, 96.3766



34.1263, 22.5846, 70.2747



12.4768, 12.6884, 16.4436



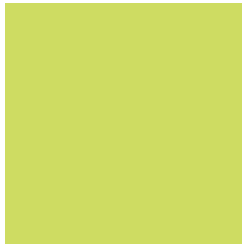
7.8682, 3.1804, 39.9376



0.5571, 0.2305, 2.5896

Previews

White Background



This preview shows how the XYZ color 53.2514, 65.1901, 21.3316 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 53.2514, 65.1901, 21.3316 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 53.2514, 65.1901, 21.3316

Background



This preview shows how black text looks on a background with the XYZ color 53.2514, 65.1901, 21.3316.



This preview shows how white text looks on a background with the XYZ color 53.2514, 65.1901,

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

53.2514, 65.1901, 21.3316

Protanopia

59.2915, 64.9072, 20.2298

Deuteranopia

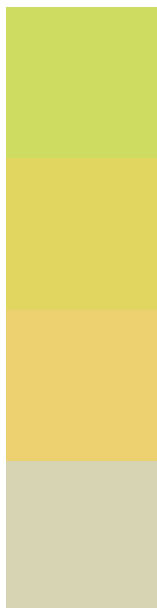
65.8117, 64.8815, 27.1439



Tritanopia

64.8455, 65.0134, 78.9432

Trichromacy



Original Color

53.2514, 65.1901, 21.3316

Protanomaly

56.8984, 64.7850, 20.5722

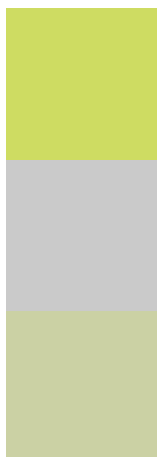
Deuteranomaly

60.7062, 64.7977, 24.9304

Tritanomaly

59.3109, 64.5975, 51.4620

Monochromacy



Original Color

53.2514, 65.1901, 21.3316

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.1299, 60.9778, 44.0389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2514, 65.1901, 21.3316 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(206, 220, 98)` looks like.

```
.text, #text, p{  
    color:rgb(206, 220, 98)  
}
```

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(206, 220, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 220, 98) }
```

Border

The CSS property to change the border of an element to XYZ 53.2514, 65.1901, 21.3316 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(206, 220, 98) }
```


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

```
.border{ border-color:rgb(206, 220, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 220, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 220, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 220, 98);  
box-shadow:4px 4px 4px 4px rgb(206, 220,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2514, 65.1901, 21.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 220, 98) }
```

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

```
.background{ background-color: rgb(206,  
220, 98) }
```

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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