

Converting Colors

XYZ(53.2131, 63.4561, 32.4288)

Have a look what the booklet for
XYZ(53.2131, 63.4561, 32.4288)
contains.

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Color

**XYZ(53.0164, 63.2785,
32.3414)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D887
RGB	201, 216, 135
RGB Percent	79%, 85%, 53%
CMY	0.2118, 0.1529, 0.4706
CMYK	0.07, 0.00, 0.38, 0.15
HSL	71°, 51%, 69%
HSV	71°, 38%, 85%
XYZ	53.0164, 63.2785, 32.3414
YIQ	202.2810, 17.0610, -28.3710

Conversions

Conversions Part 2

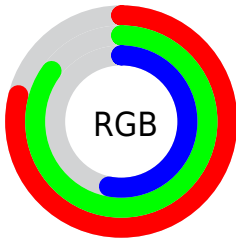
Format	Color
R _Y B	135, 216, 150
Decimal	13228167
CIE Lab	83.59, -17.68, 38.26
CIE LCh	84, 42.147, 114.795
Yxy	63.2785, 0.3567, 0.4257
Android (android.graphics.Color)	4291418247 (0xFFC9D887)
YUV	202.2810, -33.1695, -1.1234
Hunter-Lab	79.5478, -20.2433, 31.5782

Details

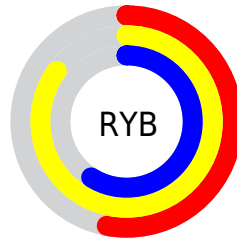
The XYZ color **53.0164, 63.2785, 32.3414** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **33.6388, 28.7715, 68.7499**, and the grayscale version is **56.5091, 59.4520, 64.7433**.

A 20% lighter version of the original color is **86.1853, 96.4541, 62.2192**, and **26.1992, 32.2408, 13.2298** is the 20% darker color. If you saturate the color by 10%, you get **50.5861, 62.1859, 25.0786**, and if you desaturate by 10%, it is **55.7864, 64.5146, 41.2332**.

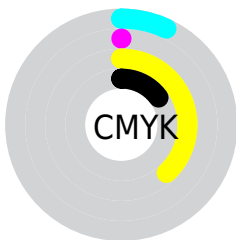
Distribution



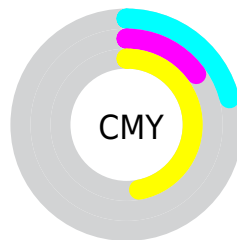
- Red (79%)
- Green (85%)
- Blue (53%)



- Red (53%)
- Yellow (85%)
- Blue (59%)



- Cyan (7%)
- Magenta (0%)
- Yellow (38%)
- Black (15%)



- Cyan (21%)
- Magenta (15%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0164, 63.2785, 32.3414 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 53.0164, 63.2785, 32.3414 by changing the saturation by 10% instead.

■ 53.0164, 63.2785,
32.3414

■ 53.0164, 63.2785,
32.3414

388.6079,
436.5795, 327.2120

■ 38.0434, 46.0665,
21.3554

■ 93.7939, 109.5712,
64.4500

■ 26.1937, 32.2983,
13.1903

■ 120.3291,
139.4207, 86.4098

■ 17.1021, 21.5895,
7.4274

■ 151.4490,
174.2516, 112.8645

■ 10.4030, 13.5556,
3.6484

187.5191,
214.4482, 144.2328

■ 5.7313, 7.8122,
1.4345

228.9047,
260.3949, 180.9331

■ 2.7215, 3.9750,
0.1684

275.9711,

■ 1.0083, 1.6596,

312.4761, 223.3841

0.0000

329.0837,
371.0761, 272.0042

0.0000, 0.3973,
0.0000

0.0000, 0.0000,
0.0000

53.0164, 63.2785,
32.3414

53.0164, 63.2785,
32.3414

50.5861, 62.1859,
25.0786

55.7864, 64.5146,
41.2332

48.4719, 61.2208,
19.3418

58.9089, 65.8927,
51.8404

46.6543, 60.3775,
15.0227

62.4015, 67.4222,
64.2485

45.1094, 59.6465,
11.9971

66.2793, 69.1091,
78.5357

■ 43.8095, 59.0165,
10.1192

■ 70.5566, 70.9591,
94.7758

■ 42.7164, 58.4724,
9.1900

■ 73.6612, 72.3434,
104.6890

■ 42.4598, 58.3436,
9.0236

■ 74.9235, 72.9941,
104.7481

■ 76.2152, 73.6600,
104.8086

■ 77.5365, 74.3412,
104.8704

Harmonies

Analogous

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



61.7657, 63.2785, 29.7170



53.0164, 63.2785, 32.3414



46.7990, 63.2785, 43.5938

Triad

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



53.0164, 63.2785, 32.3414



50.4984, 63.2785, 119.2272



79.5684, 63.2785, 73.6052

Complementary

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



53.0164, 63.2785, 32.3414



33.6388, 28.7715, 68.7499

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.



75.8123, 63.2785, 102.4834



53.0164, 63.2785, 32.3414



58.5516, 63.2785, 132.7850

Square

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



53.0164, 63.2785, 32.3414



45.4526, 63.2785, 92.4430



67.8841, 63.2785, 125.9848



77.7030, 63.2785, 49.7368

Rectangle

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



53.0164, 63.2785, 32.3414



44.6173, 63.2785, 56.4313



67.8841, 63.2785, 125.9848



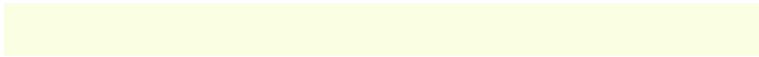
78.9109, 63.2785, 83.0810

Sweetspot

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



53.0180, 63.2813, 32.3427



88.9723, 97.3511, 86.7382



43.5767, 38.1149, 27.9827



18.8936, 20.7714, 18.0308



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.



53.0180, 63.2813, 32.3427



74.3595, 90.8698, 38.5282



43.5588, 58.4049, 31.9001



13.2368, 14.3983, 13.2422



25.2156, 34.5755, 5.3447



1.5807, 2.1163, 0.3252

Inverse Universe

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



33.6388, 28.7715, 68.7499



42.2650, 33.6792, 98.8809



42.3835, 33.2796, 69.1591



11.9551, 12.1183, 15.6465



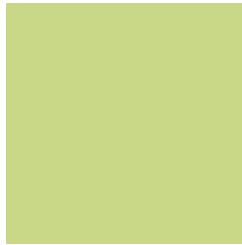
7.9212, 3.2360, 38.6603



0.5430, 0.2288, 2.3349

Previews

White Background



This preview shows how the XYZ color 53.0164, 63.2785, 32.3414 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 53.0164, 63.2785, 32.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

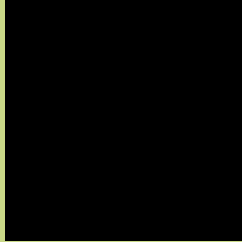
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0164, 63.2785, 32.3414

Background



This preview shows how black text looks on a background with the XYZ color 53.0164, 63.2785, 32.3414.



This preview shows how white text looks on a background with the XYZ color 53.0164, 63.2785,

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

53.0164, 63.2785, 32.3414

Protanopia

58.3993, 63.1086, 30.9330

Deuteranopia

64.1505, 62.8507, 33.1764



Tritanopia

62.1675, 62.9336, 77.9781

Trichromacy



Original Color

53.0164, 63.2785, 32.3414

Protanomaly

56.4413, 63.1874, 31.4119

Deuteranomaly

59.6975, 62.6534, 32.9917

Tritanomaly

58.1072, 62.7285, 57.7604

Monochromacy



Original Color

53.0164, 63.2785, 32.3414

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.7058, 60.3966, 50.8939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0164, 63.2785, 32.3414 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(201, 216, 135)` looks like.

```
.text, #text, p{  
    color:rgb(201, 216, 135)  
}
```

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(201, 216, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 216, 135) }
```

Border

The CSS property to change the border of an element to XYZ 53.0164, 63.2785, 32.3414 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(201, 216, 135) }
```


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

```
.border{ border-color:rgb(201, 216, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 216, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 216, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 216, 135);  
box-shadow:4px 4px 4px 4px rgb(201, 216,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0164, 63.2785, 32.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 216, 135) }
```

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

```
.background{ background-color: rgb(201,  
216, 135) }
```

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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