

Converting Colors

XYZ(53.4636, 64.0657, 32.3327)

Have a look what the booklet for
XYZ(53.4636, 64.0657, 32.3327)
contains.

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Color

**XYZ(53.2734, 63.7925,
32.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D987
RGB	201, 217, 135
RGB Percent	79%, 85%, 53%
CMY	0.2118, 0.1490, 0.4706
CMYK	0.07, 0.00, 0.38, 0.15
HSL	72°, 52%, 69%
HSV	72°, 38%, 85%
XYZ	53.2734, 63.7925, 32.4270
YIQ	202.8680, 16.7860, -28.8940

Conversions

Conversions Part 2

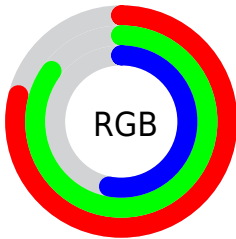
Format	Color
RYB	135, 217, 151
Decimal	13228423
CIELab	83.86, -18.17, 38.61
CIELCh	84, 42.670, 115.204
Yxy	63.7925, 0.3564, 0.4267
Android (android.graphics.Color)	4291418503 (0xFFC9D987)
YUV	202.8680, -33.4589, -1.6382
Hunter-Lab	79.8702, -20.7134, 31.8376

Details

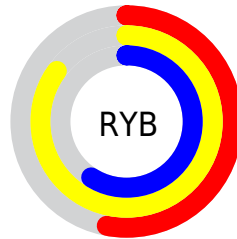
The XYZ color **53.2734, 63.7925, 32.4270** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **33.9533, 28.9187, 69.4417**, and the grayscale version is **56.8793, 59.8414, 65.1673**.

A 20% lighter version of the original color is **86.1853, 96.4541, 62.2192**, and **26.3746, 32.5917, 13.2883** is the 20% darker color. If you saturate the color by 10%, you get **50.7762, 62.6661, 25.1316**, and if you desaturate by 10%, it is **56.1166, 65.0654, 41.3666**.

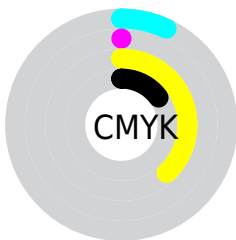
Distribution



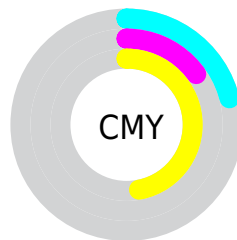
- Red (79%)
- Green (85%)
- Blue (53%)



- 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 53.2734, 63.7925, 32.4270 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 53.2734, 63.7925, 32.4270 by changing the saturation by 10% instead.


 53.2734, 63.7925,
32.4270

 53.2734, 63.7925,
32.4270


389.5769,
438.4399, 327.6123


 38.2494, 46.4826,
21.4203


 94.1697, 110.3120,
64.5856

 26.3544, 32.6268,
13.2374


 120.7728,
140.2905, 86.5745

 17.2230, 21.8407,
7.4596


 151.9662,
175.2606, 113.0614

 10.4899, 13.7399,
3.6684

188.1154,
215.6068, 144.4646

 5.7897, 7.9400,
1.4452

229.5857,
261.7134, 181.2028

 2.7571, 4.0566,
0.1766

276.7425,

 1.0266, 1.7053,

313.9649, 223.6944

0.0000

329.9511,
372.7456, 272.3581

■ 0.0000, 0.4271,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.2734, 63.7925,
32.4270

■ 53.2734, 63.7925,
32.4270

■ 50.7762, 62.6661,
25.1316

■ 56.1166, 65.0654,
41.3666

■ 48.6010, 61.6699,
19.3760

■ 59.3187, 66.4832,
52.0382

■ 46.7280, 60.7981,
15.0503

■ 62.8977, 68.0555,
64.5282

■ 45.1329, 60.0411,
12.0283

■ 66.8690, 69.7885,
78.9160

■ 43.7874, 59.3873,
10.1619

■ 71.2469, 71.6878,
95.2764

■ 42.6518, 58.8210,
9.2434

■ 74.3580, 73.0841,
104.7953

■ 42.4150, 58.7020,
9.0951

■ 75.7060, 73.7790,
104.8584

■ 77.0870, 74.4910,
104.9230

■ 78.5013, 75.2201,
104.9892

Harmonies

Analogous

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



62.1530, 63.7925, 29.6596



53.2734, 63.7925, 32.4270



46.9975, 63.7925, 43.9599

Triad

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



53.2734, 63.7925, 32.4270



50.9137, 63.7925, 121.0855



80.4359, 63.7925, 73.8670

Complementary

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



53.2734, 63.7925, 32.4270



33.9533, 28.9187, 69.4417

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.



76.6793, 63.7925, 103.2945



53.2734, 63.7925, 32.4270



59.1377, 63.7925, 134.6785

Square

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



53.2734, 63.7925, 32.4270



45.7368, 63.7925, 93.8542



68.6407, 63.7925, 127.4479



78.4559, 63.7925, 49.7063

Rectangle

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



53.2734, 63.7925, 32.4270



44.8159, 63.7925, 57.0877



68.6407, 63.7925, 127.4479



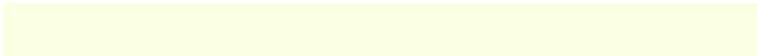
79.7920, 63.7925, 83.5001

Sweetspot

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



53.2750, 63.7954, 32.4284



88.8726, 97.2997, 86.7335



43.9023, 38.3261, 28.0063



18.8697, 20.7591, 18.0297



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.



53.2750, 63.7954, 32.4284



73.9869, 90.6777, 38.5107



43.8795, 58.9518, 31.9886



13.9002, 15.1288, 13.9131



25.7609, 35.5777, 5.5094



1.7339, 2.3384, 0.3600

Inverse Universe

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



33.9533, 28.9187, 69.4417



42.4967, 33.7986, 98.8917



42.6847, 33.4199, 69.8503



12.5748, 12.7389, 16.4482



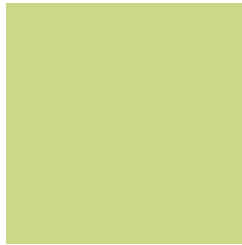
8.2362, 3.3701, 39.9548



0.6033, 0.2543, 2.5917

Previews

White Background



This preview shows how the XYZ color 53.2734, 63.7925, 32.4270 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 53.2734, 63.7925, 32.4270 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 53.2734, 63.7925, 32.4270

Background



This preview shows how black text looks on a background with the XYZ color 53.2734, 63.7925, 32.4270.



This preview shows how white text looks on a background with the XYZ color 53.2734, 63.7925,

32.4270.

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

53.2734, 63.7925, 32.4270

Protanopia

58.9602, 63.7609, 31.0293

Deuteranopia

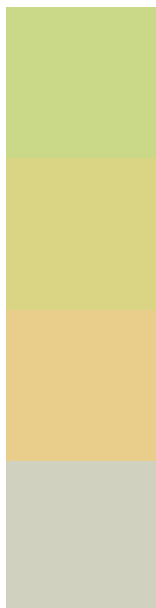
64.7388, 63.4966, 33.2701



Tritanopia

62.5420, 63.4674, 78.7661

Trichromacy



Original Color

53.2734, 63.7925, 32.4270

Protanomaly

56.6906, 63.6858, 31.4950

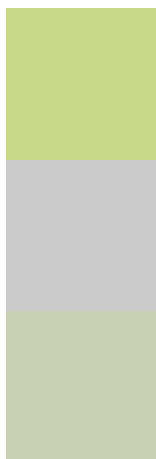
Deuteranomaly

59.9375, 63.1334, 33.0717

Tritanomaly

58.4630, 63.2647, 58.4202

Monochromacy



Original Color

53.2734, 63.7925, 32.4270

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

54.9489, 60.8827, 50.9749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2734, 63.7925, 32.4270 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, 217, 135)` looks like.

```
.text, #text, p{  
    color:rgb(201, 217, 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, 217, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 217, 135) }
```

Border

The CSS property to change the border of an element to XYZ 53.2734, 63.7925, 32.4270 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, 217, 135) }
```


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

```
.border{ border-color:rgb(201, 217, 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, 217, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 217, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 217, 135);  
box-shadow:4px 4px 4px 4px rgb(201, 217,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2734, 63.7925, 32.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 217, 135) }
```

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

```
.background{ background-color: rgb(201,  
217, 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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