

# Converting Colors

XYZ(52.5074, 63.7895, 32.0933)

Have a look what the booklet for  
XYZ(52.5074, 63.7895, 32.0933)  
contains.

<b>XYZ(52.4004, 63.7344, 32.0944)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(52.4004, 63.7344,  
32.0944)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5DA86
RGB	197, 218, 134
RGB Percent	77%, 85%, 53%
CMY	0.2275, 0.1451, 0.4745
CMYK	0.10, 0.00, 0.39, 0.15
HSL	75°, 53%, 69%
HSV	75°, 39%, 85%
XYZ	52.4004, 63.7344, 32.0944
YIQ	202.1450, 14.4480, -30.5760

# Conversions

## Conversions Part 2

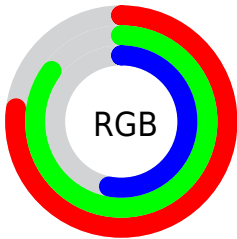
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">134, 218, 155</a>
Decimal	<a href="#">12966534</a>
CIELab	<a href="#">83.83, -20.30, 39.01</a>
CIELCh	<a href="#">84, 43.981, 117.494</a>
Yxy	<a href="#">63.7344, 0.3535, 0.4300</a>
Android (android.graphics.Color)	<a href="#">4291156614 (0xFFC5DA86)</a>
YUV	<a href="#">202.1450, -33.5955, -4.5122</a>
Hunter-Lab	<a href="#">79.8338, -22.5474, 32.0482</a>

# Details

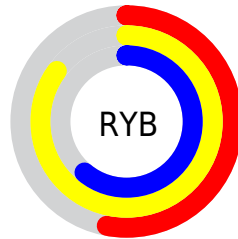
The XYZ color **52.4004, 63.7344, 32.0944** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **34.7001, 29.0824, 70.1180**, and the grayscale version is **56.4278, 59.3664, 64.6501**.

A 20% lighter version of the original color is **86.0771, 96.4108, 61.6494**, and **25.8139, 32.5697, 13.1097** is the 20% darker color. If you saturate the color by 10%, you get **49.6328, 62.4676, 24.8297**, and if you desaturate by 10%, it is **55.5363, 65.1589, 41.0149**.

# Distribution



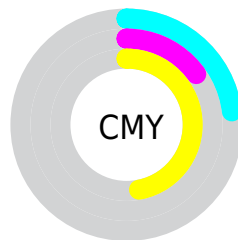
- Red (77%)
- Green (85%)
- Blue (53%)



- Red (53%)
- Yellow (85%)
- Blue (61%)



- Cyan (10%)
- Magenta (0%)
- Yellow (39%)
- Black (15%)




- Cyan (23%)
- Magenta (15%)
- Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4004, 63.7344, 32.0944 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 52.4004, 63.7344, 32.0944 by changing the saturation by 10% instead.





 52.4004, 63.7344,  
32.0944

 52.4004, 63.7344,  
32.0944


386.2791,  
438.2299, 326.0550


 37.5499, 46.4356,  
21.1682


 92.8922, 110.2283,  
64.0587

 25.8092, 32.5897,  
13.0546


 119.2642,  
140.1923, 85.9338

 16.8129, 21.8123,  
7.3350


 150.2074,  
175.1467, 112.2957

 10.1956, 13.7191,  
3.5908

186.0872,  
215.4760, 143.5629

 5.5921, 7.9255,  
1.4037

227.2689,  
261.5645, 180.1538

 2.6370, 4.0473,  
0.1446

274.1179,

 0.9648, 1.7001,

313.7968, 222.4872

0.0000

326.9995,  
372.5571, 270.9814

0.0000, 0.4237,  
0.0000

0.0000, 0.0000,  
0.0000

52.4004, 63.7344,  
32.0944

52.4004, 63.7344,  
32.0944

49.6328, 62.4676,  
24.8297

55.5363, 65.1589,  
41.0149

47.2087, 61.3419,  
19.1147

59.0540, 66.7399,  
51.6806

45.1077, 60.3514,  
14.8370

62.9720, 68.4871,  
64.1794

43.3047, 59.4857,  
11.8677

67.3062, 70.4069,  
78.5921

■ 41.7703, 58.7333,  
10.0548

■ 72.0714, 72.5054,  
94.9944

■ 40.4604, 58.0762,  
9.1692

■ 75.6624, 74.1404,  
104.9304

■ 40.2779, 57.9842,  
9.0692

■ 77.4365, 75.0550,  
105.0135

■ 79.2658, 75.9980,  
105.0991

■ 81.1507, 76.9698,  
105.1873

# Harmonies

## Analogous

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



61.3933, 63.7344, 28.6617



52.4004, 63.7344, 32.0944



46.2239, 63.7344, 44.5541

# Triad

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



52.4004, 63.7344, 32.0944



51.1339, 63.7344, 124.6228



81.0947, 63.7344, 71.7476

# Complementary

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



52.4004, 63.7344, 32.0944



34.7001, 29.0824, 70.1180

# 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.



77.6321, 63.7344, 102.0890



52.4004, 63.7344, 32.0944



59.7692, 63.7344, 137.2657

# Square

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



52.4004, 63.7344, 32.0944



45.5491, 63.7344, 96.9668



69.5642, 63.7344, 128.0905



78.5941, 63.7344, 47.6196



# Rectangle

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



52.4004, 63.7344, 32.0944



44.1924, 63.7344, 58.5023



69.5642, 63.7344, 128.0905



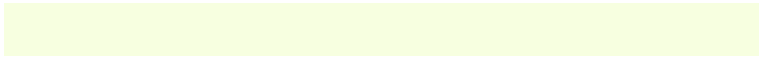
80.5820, 63.7344, 81.5643

# Sweetspot

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



52.4020, 63.7372, 32.0958



87.7496, 96.7611, 84.8576



44.9402, 40.0713, 27.9210



18.6232, 20.6400, 17.6545



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.



52.4020, 63.7372, 32.0958



71.5858, 89.4615, 37.4259



42.8942, 58.8358, 31.6508



13.8277, 15.0914, 13.9097



24.2325, 34.7898, 5.4379



1.6468, 2.2935, 0.3559



# Inverse Universe

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



34.7001, 29.0824, 70.1180



43.0386, 33.5299, 98.8113



44.2082, 33.9840, 70.5630



12.6423, 12.7737, 16.4514



8.5930, 3.5540, 39.9715



0.6356, 0.2709, 2.5932



# Previews

## White Background



This preview shows how the XYZ color 52.4004, 63.7344, 32.0944 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 52.4004, 63.7344, 32.0944 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

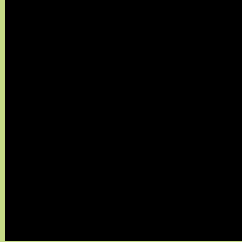
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

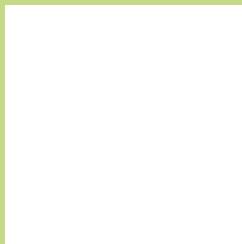
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 52.4004, 63.7344, 32.0944

## Background



This preview shows how black text looks on a background with the XYZ color 52.4004, 63.7344, 32.0944.



This preview shows how white text looks on a background with the XYZ color 52.4004, 63.7344,



# 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

52.4004, 63.7344, 32.0944

### Protanopia

58.8246, 63.7066, 30.3153

### Deuteranopia

64.6661, 63.4675, 32.8869



## Tritanopia

62.0619, 63.5628, 79.5188

# Trichromacy



## Original Color

52.4004, 63.7344, 32.0944

## Protanomaly

56.2555, 63.4774, 30.7601

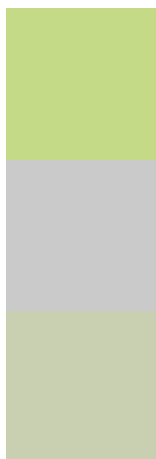
## Deuteranomaly

59.7832, 63.4207, 32.7574

## Tritanomaly

57.8751, 63.3293, 58.4636

# Monochromacy



## Original Color

52.4004, 63.7344, 32.0944

## Achromatopsia

56.1383, 59.0619, 64.3184

## Achromatomaly

54.3111, 60.5654, 50.4228

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 52.4004, 63.7344, 32.0944 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(197, 218, 134)` looks like.

```
.text, #text, p{  
    color:rgb(197, 218, 134)  
}
```

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(197, 218, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 218, 134) }
```

## Border

The CSS property to change the border of an element to XYZ 52.4004, 63.7344, 32.0944 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(197, 218, 134) }
```



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

```
.border{ border-color:rgb(197, 218, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 218, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 218, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 218, 134); box-shadow:4px 4px 4px 4px rgb(197, 218, 134) }
```

# Background

The CSS property to change the background color of an element to XYZ 52.4004, 63.7344, 32.0944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 218, 134) }
```

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

```
.background{ background-color: rgb(197,  
218, 134) }
```

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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