

Converting Colors

XYZ(50.7612, 53.2171, 35.2003)

Have a look what the booklet for
XYZ(50.7612, 53.2171, 35.2003)
contains.

XYZ(50.7612, 53.2171, 35.2003)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.7612, 53.2171,
35.2003)**

Conversions

Conversions Part 1

Format	Color
Hex	D3BF93
RGB	211, 191, 147
RGB Percent	83%, 75%, 58%
CMY	0.1725, 0.2510, 0.4235
CMYK	0.00, 0.09, 0.30, 0.17
HSL	41°, 42%, 70%
HSV	41°, 30%, 83%
XYZ	50.7612, 53.2171, 35.2003
YIQ	191.9640, 26.0440, -9.4440

Conversions

Conversions Part 2

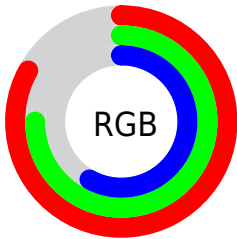
Format	Color
R _Y B	176, 211, 147
Decimal	13877139
CIE Lab	78.00, 0.48, 24.81
CIE LCh	78, 24.814, 88.892
Yxy	53.2171, 0.3647, 0.3824
Android (android.graphics.Color)	4292067219 (0xFFD3BF93)
YUV	191.9640, -22.1673, 16.6946
Hunter-Lab	72.9501, -3.4560, 22.4561

Details

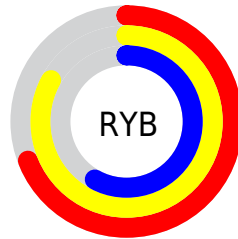
The XYZ color **50.7612, 53.2171, 35.2003** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.6088, 38.5424, 67.0852**, and the grayscale version is **50.1977, 52.8119, 57.5122**.

A 20% lighter version of the original color is **85.0434, 91.9986, 68.5336**, and **24.9101, 26.0894, 14.7892** is the 20% darker color. If you saturate the color by 10%, you get **47.8500, 49.8057, 26.7969**, and if you desaturate by 10%, it is **54.0436, 56.8843, 45.2269**.

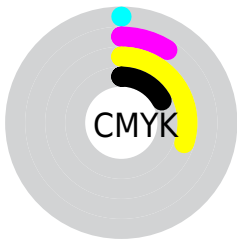
Distribution



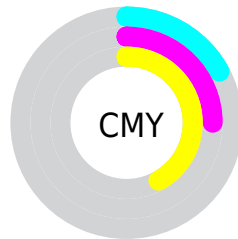
- Red (83%)
- Green (75%)
- Blue (58%)



- Red (69%)
- Yellow (83%)
- Blue (58%)



- Cyan (0%)
- Magenta (9%)
- Yellow (30%)
- Black (17%)




- Cyan (17%)
- Magenta (25%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7612, 53.2171, 35.2003 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 50.7612, 53.2171, 35.2003 by changing the saturation by 10% instead.


 50.7612, 53.2171,
35.2003


 50.7612, 53.2171,
35.2003


380.0382,
399.1175, 340.3826

 36.2389, 37.9761,
23.5324


 90.4868, 94.9238,
68.9510

 24.7897, 25.9641,
14.7782


 116.4207,
122.1582, 91.8710

 16.0483, 16.7968,
8.5189

146.8893,
154.1593, 119.3787

 9.6494, 10.0897,
4.3363

182.2578,
191.3113, 151.8927

 5.2276, 5.4585,
1.8116

222.8916,
233.9988, 189.8316

 2.4175, 2.5187,
0.4356

269.1560,

 0.8539, 0.8860,

282.6060, 233.6138

0.0000

321.4164,
337.5175, 283.6580

■ 0.0000, 0.0000,
0.0000

■ 50.7612, 53.2171,
35.2003

■ 50.7612, 53.2171,
35.2003

■ 47.8500, 49.8057,
26.7969

■ 54.0436, 56.8843,
45.2269

■ 45.2884, 46.6345,
19.9256

■ 57.7092, 60.8078,
56.9545

■ 43.0588, 43.6968,
14.4913

■ 61.7746, 64.9973,
70.4599

■ 41.1398, 40.9829,
10.3867

■ 66.2539, 69.4598,
85.8143

■ 39.5076, 38.4816,
7.4894

■ 71.1608, 74.2021,
103.0847

■ 38.1335, 36.1801,
5.6543

■ 73.3664, 77.9737,
105.7913

■ 37.0014, 34.1238,
4.6364

■ 75.2417, 81.7243,
106.4164

■ 77.1872, 85.6153,
107.0650

■ 79.2036, 89.6482,
107.7371

Harmonies

Analogous

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



55.5361, 53.2171, 38.0138



50.7612, 53.2171, 35.2003



46.2228, 53.2171, 37.6265

Triad

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



50.7612, 53.2171, 35.2003



42.8734, 53.2171, 71.7780



58.9624, 53.2171, 72.8113

Complementary

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



50.7612, 53.2171, 35.2003



37.6088, 38.5424, 67.0852

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.



55.2054, 53.2171, 84.5093



50.7612, 53.2171, 35.2003



45.9303, 53.2171, 83.8491

Square

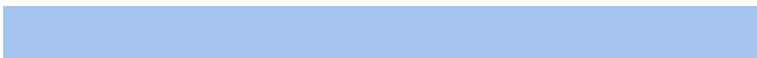
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.7612, 53.2171, 35.2003



41.8473, 53.2171, 57.4312



50.4017, 53.2171, 88.8349



60.4530, 53.2171, 58.4606

Rectangle

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



50.7612, 53.2171, 35.2003



43.8974, 53.2171, 42.1482



50.4017, 53.2171, 88.8349



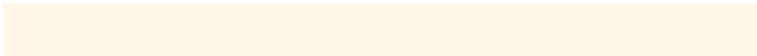
57.9113, 53.2171, 77.2635

Sweetspot

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



50.7626, 53.2195, 35.2014



89.3277, 94.1193, 89.8399



44.2978, 37.5168, 41.5959



18.9322, 19.9488, 18.6160



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.



50.7626, 53.2195, 35.2014



75.1522, 78.4782, 45.9312



52.1850, 60.8738, 36.6039



12.4789, 13.1485, 12.4922



22.4255, 20.7840, 2.8298



1.3230, 1.3003, 0.1813

Inverse Universe

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



37.6088, 38.5424, 67.0852



52.0186, 52.6744, 102.0332



36.4374, 32.9150, 66.0608



11.4607, 12.0117, 14.9581



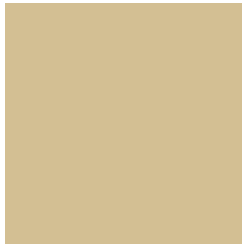
8.3499, 5.3465, 37.7844



0.5375, 0.4401, 2.1362

Previews

White Background



This preview shows how the XYZ color 50.7612, 53.2171, 35.2003 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 50.7612, 53.2171, 35.2003 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

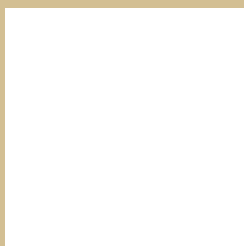
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7612, 53.2171, 35.2003

Background



This preview shows how black text looks on a background with the XYZ color 50.7612, 53.2171, 35.2003.



This preview shows how white text looks on a background with the XYZ color 50.7612, 53.2171,

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

50.7612, 53.2171, 35.2003

Protanopia

49.8689, 53.3999, 35.6958

Deuteranopia

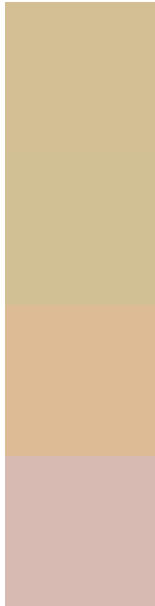
54.0583, 53.0048, 35.3987



Tritanopia

55.9488, 53.1099, 60.7285

Trichromacy



Original Color

50.7612, 53.2171, 35.2003

Protanomaly

50.2074, 53.2473, 35.6485

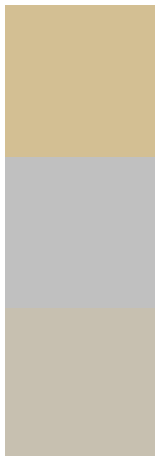
Deuteranomaly

52.9344, 53.0509, 35.4669

Tritanomaly

53.9313, 53.2424, 50.0821

Monochromacy



Original Color

50.7612, 53.2171, 35.2003

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.2393, 52.9760, 48.6518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7612, 53.2171, 35.2003 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(211, 191, 147)` looks like.

```
.text, #text, p{  
    color:rgb(211, 191, 147)  
}
```

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(211, 191, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 191, 147) }
```

Border

The CSS property to change the border of an element to XYZ 50.7612, 53.2171, 35.2003 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(211, 191, 147) }
```


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

```
.border{ border-color:rgb(211, 191, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 191, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 191, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 191, 147);  
box-shadow:4px 4px 4px 4px rgb(211, 191,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7612, 53.2171, 35.2003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 191, 147) }
```

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

```
.background{ background-color: rgb(211,  
191, 147) }
```

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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