

Converting Colors

XYZ(53.5918, 57.4404, 26.3519)

Have a look what the booklet for
XYZ(53.5918, 57.4404, 26.3519)
contains.

| | |
|--|----|
| XYZ(53.6934, 57.5995, 26.3770) | 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(53.6934, 57.5995,
26.3770)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DDC779 |
| RGB | 221, 199, 121 |
| RGB Percent | 87%, 78%, 47% |
| CMY | 0.1333, 0.2196, 0.5255 |
| CMYK | 0.00, 0.10, 0.45, 0.13 |
| HSL | 47°, 60%, 67% |
| HSV | 47°, 45%, 87% |
| XYZ | 53.6934, 57.5995, 26.3770 |
| YIQ | 196.6860, 38.1500, -19.5940 |

Conversions

Conversions Part 2

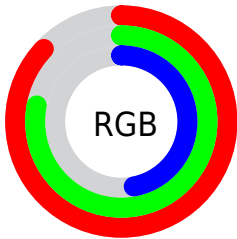
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 149, 221, 121 |
| Decimal | 14534521 |
| CIE Lab | 80.52, -2.69, 41.73 |
| CIE LCh | 81, 41.816, 93.682 |
| Yxy | 57.5995, 0.3900, 0.4184 |
| Android (android.graphics.Color) | 4292724601 (0xFFDDC779) |
| YUV | 196.6860, -37.3132, 21.3234 |
| Hunter-Lab | 75.8943, -6.5307, 32.5199 |

Details

The XYZ color **53.6934, 57.5995, 26.3770** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.7584, 28.9293, 72.3692**, and the grayscale version is **53.0845, 55.8490, 60.8196**.

A 20% lighter version of the original color is **84.7379, 95.8751, 54.5970**, and **26.5407, 28.5855, 9.9131** is the 20% darker color. If you saturate the color by 10%, you get **51.3903, 54.9193, 19.6718**, and if you desaturate by 10%, it is **56.3456, 60.4807, 34.7314**.

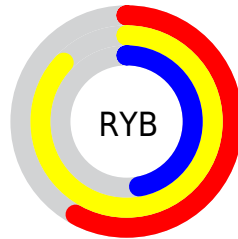
Distribution



Red (87%)

Green (78%)

Blue (47%)



Red (58%)

Yellow (87%)

Blue (47%)

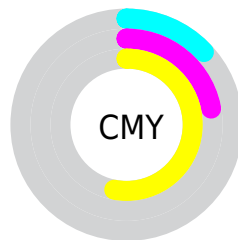


Cyan (0%)

Magenta (10%)

Yellow (45%)

Black (13%)



Cyan (13%)

Magenta (22%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6934, 57.5995, 26.3770 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 53.6934, 57.5995, 26.3770 by changing the saturation by 10% instead.

■ 53.6934, 57.5995,
26.3770

■ 53.6934, 57.5995,
26.3770

391.1572,
415.6919, 298.2920

■ 38.5863, 41.4868,
16.8776

■ 94.7835, 101.3394,
54.8740

■ 26.6173, 28.6996,
9.9862

■ 121.4971,
129.7354, 74.7088

■ 17.4211, 18.8537,
5.2843

■ 152.8103,
162.9945, 98.8257

■ 10.6324, 11.5646,
2.3534

189.0885,
201.5012, 127.6433

■ 5.8857, 6.4480,
0.7609

230.6969,
245.6400, 161.5803

■ 2.8157, 3.1193,
0.0000

278.0009,

■ 1.0571, 1.1943,

295.7950, 201.0550

0.0000

331.3659,
352.3509, 246.4861

■ 0.0000, 0.0571,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.6934, 57.5995,
26.3770

■ 53.6934, 57.5995,
26.3770

■ 51.3903, 54.9193,
19.6718

■ 56.3456, 60.4807,
34.7314

■ 49.4101, 52.4228,
14.4990


■ 59.3623, 63.5633,
44.8341


■ 47.7298, 50.1023,
10.7322


■ 62.7632, 66.8578,
56.7803

■ 46.3208, 47.9460,
8.2229


■ 66.5652, 70.3714,
70.6576


 45.1483, 45.9392,
6.7893


 70.7840, 74.1110,
86.5478

 44.6460, 45.0266,
6.3379

 75.4347, 78.0830,
104.5278

 77.0164, 80.8876,
106.1614

 78.4118, 83.6783,
106.6265

 79.8453, 86.5454,
107.1044

Harmonies

Analogous

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



62.3969, 57.5995, 29.1662



53.6934, 57.5995, 26.3770



46.0922, 57.5995, 31.0267

Triad

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



53.6934, 57.5995, 26.3770



42.1262, 57.5995, 92.7598



70.9172, 57.5995, 86.1000

Complementary

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



53.6934, 57.5995, 26.3770



30.7584, 28.9293, 72.3692

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.



64.4217, 57.5995, 110.8590



53.6934, 57.5995, 26.3770



47.7487, 57.5995, 115.3566

Square

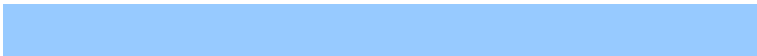
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.6934, 57.5995, 26.3770



39.8693, 57.5995, 65.8011



55.8135, 57.5995, 122.7186



72.9289, 57.5995, 59.7290

Rectangle

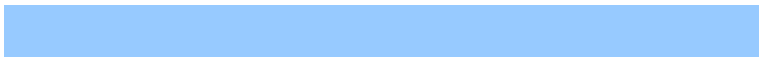
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.6934, 57.5995, 26.3770



42.4932, 57.5995, 38.6746



55.8135, 57.5995, 122.7186



69.1545, 57.5995, 95.0927

Sweetspot

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



53.6948, 57.6022, 26.3782



87.3718, 93.0024, 80.5714



41.7160, 31.0713, 30.3187



18.4693, 19.6872, 16.4146



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.



53.6948, 57.6022, 26.3782



71.3164, 76.2472, 27.8806



51.6416, 64.6068, 27.8384



13.9066, 14.7526, 13.8402



26.0227, 26.3310, 3.7108



1.7472, 1.8285, 0.2608

Inverse Universe

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



30.7584, 28.9293, 72.3692



35.9516, 32.0730, 98.9036



32.0416, 25.1607, 71.5742



12.5698, 13.0793, 16.5142



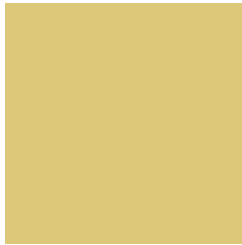
8.2791, 4.4277, 40.1567



0.6007, 0.4156, 2.6230

Previews

White Background



This preview shows how the XYZ color 53.6934, 57.5995, 26.3770 looks on a white background.

Color Contrast Check

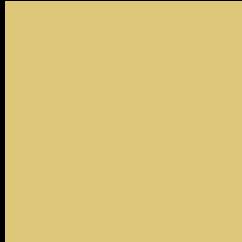
Large Text (above 18pt) WCAG AA × Fail

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 53.6934, 57.5995, 26.3770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

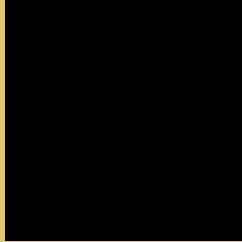
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6934, 57.5995, 26.3770

Background



This preview shows how black text looks on a background with the XYZ color 53.6934, 57.5995, 26.3770.

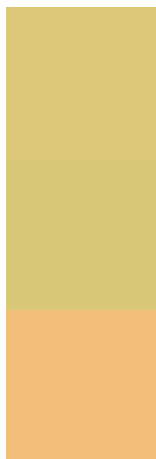


This preview shows how white text looks on a background with the XYZ color 53.6934, 57.5995,

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

53.6934, 57.5995, 26.3770

Protanopia

53.0189, 57.5945, 26.4116

Deuteranopia

58.8239, 57.5689, 26.7504



Tritanopia

61.4098, 57.4128, 64.9719

Trichromacy



Original Color

53.6934, 57.5995, 26.3770

Protanomaly

53.3189, 57.7491, 26.4256

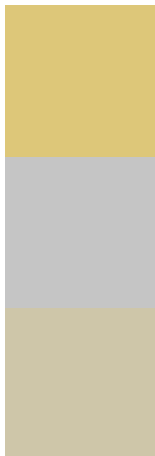
Deuteranomaly

56.7363, 57.4811, 26.5170

Tritanomaly

58.0740, 57.3647, 48.0561

Monochromacy



Original Color

53.6934, 57.5995, 26.3770

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.8091, 56.3746, 45.6342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6934, 57.5995, 26.3770 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(221, 199, 121)` looks like.

```
.text, #text, p{  
    color:rgb(221, 199, 121)  
}
```

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(221, 199, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 199, 121) }
```

Border

The CSS property to change the border of an element to XYZ 53.6934, 57.5995, 26.3770 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(221, 199, 121) }
```


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

```
.border{ border-color:rgb(221, 199, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 199, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 199, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 199, 121);  
box-shadow:4px 4px 4px 4px rgb(221, 199,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6934, 57.5995, 26.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 199, 121) }
```

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

```
.background{ background-color: rgb(221,  
199, 121) }
```

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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