

Converting Colors

XYZ(50.5862, 53.0396, 26.7079)

Have a look what the booklet for
XYZ(50.5862, 53.0396, 26.7079)
contains.

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Color

**XYZ(50.6668, 53.0339,
26.6349)**

Conversions

Conversions Part 1

Format	Color
Hex	D9BE7C
RGB	217, 190, 124
RGB Percent	85%, 75%, 49%
CMY	0.1490, 0.2549, 0.5137
CMYK	0.00, 0.12, 0.43, 0.15
HSL	43°, 55%, 67%
HSV	43°, 43%, 85%
XYZ	50.6668, 53.0339, 26.6349
YIQ	190.5490, 37.2780, -14.8020

Conversions

Conversions Part 2

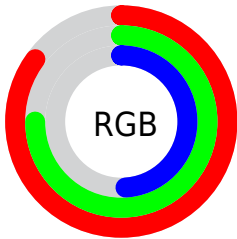
Format	Color
R _Y B	162, 217, 124
Decimal	14270076
CIE Lab	77.90, 0.69, 36.81
CIE LCh	78, 36.813, 88.920
Yxy	53.0339, 0.3887, 0.4069
Android (android.graphics.Color)	4292460156 (0xFFD9BE7C)
YUV	190.5490, -32.8087, 23.1975
Hunter-Lab	72.8244, -3.2532, 29.2922

Details

The XYZ color **50.6668, 53.0339, 26.6349** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **31.9028, 31.4269, 70.0300**, and the grayscale version is **49.4300, 52.0042, 56.6326**.

A 20% lighter version of the original color is **82.1316, 90.3459, 54.7047**, and **24.6789, 25.8593, 10.1692** is the 20% darker color. If you saturate the color by 10%, you get **48.1082, 49.8764, 19.7406**, and if you desaturate by 10%, it is **53.5890, 56.4351, 35.1413**.

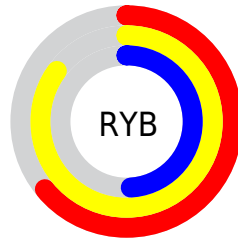
Distribution



Red (85%)

Green (75%)

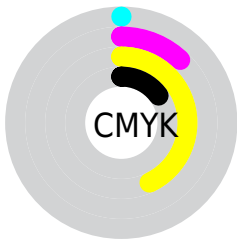
Blue (49%)



Red (64%)

Yellow (85%)

Blue (49%)

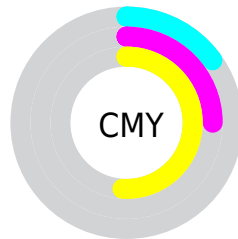


Cyan (0%)

Magenta (12%)

Yellow (43%)

Black (15%)



Cyan (15%)


Magenta (25%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6668, 53.0339, 26.6349 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 50.6668, 53.0339, 26.6349 by changing the saturation by 10% instead.


 50.6668, 53.0339,
26.6349


 50.6668, 53.0339,
26.6349


379.6769,
398.4152, 299.5890

 36.1635, 37.8298,
17.0692


 90.3480, 94.6543,
55.2940

 24.7312, 25.8506,
10.1214


 116.2565,
121.8393, 75.2246

 16.0045, 16.7119,
5.3728


 146.6976,
153.7869, 99.4471

 9.6182, 10.0293,
2.4051

182.0364,
190.8812, 128.3802

 5.2069, 5.4184,
0.7892

222.6384,
233.5069, 162.4424

 2.4052, 2.4948,
0.0000

268.8689,

 0.8477, 0.8740,

282.0481, 202.0523

0.0000

321.0933,
336.8894, 247.6283

■ 0.0000, 0.0000,
0.0000

■ 50.6668, 53.0339,
26.6349

■ 50.6668, 53.0339,
26.6349

■ 48.1082, 49.8764,
19.7406

■ 53.5890, 56.4351,
35.1413

■ 45.8884, 46.9456,
14.3494

■ 56.8898, 60.0813,
45.3528

■ 43.9857, 44.2337,
10.3440

■ 60.5880, 63.9831,
57.3587

■ 42.3733, 41.7286,
7.5881

■ 64.6998, 68.1480,
71.2417

■ 41.0194, 39.4164,
5.9171

■ 69.2406, 72.5834,
87.0788

■ 40.1728, 37.8670,
5.1917

■ 74.2248, 77.2962,
104.9430

■ 76.1156, 80.8725,
106.2060

■ 77.9419, 84.5250,
106.8147

■ 79.8325, 88.3064,
107.4450

Harmonies

Analogous

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



57.8465, 53.0339, 30.1509



50.6668, 53.0339, 26.6349



44.0437, 53.0339, 29.6720

Triad

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



50.6668, 53.0339, 26.6349



39.3006, 53.0339, 78.9667



63.1290, 53.0339, 80.5615

Complementary

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



50.6668, 53.0339, 26.6349



31.9028, 31.4269, 70.0300

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.



57.3557, 53.0339, 99.5437



50.6668, 53.0339, 26.6349



43.6346, 53.0339, 98.4802

Square

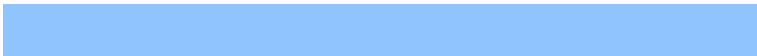
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.6668, 53.0339, 26.6349



37.8674, 53.0339, 57.0057



50.1484, 53.0339, 106.7642



65.4482, 53.0339, 58.4905

Rectangle

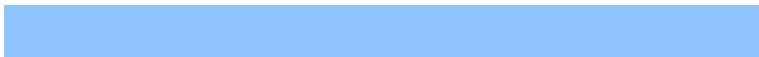
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.6668, 53.0339, 26.6349



40.7334, 53.0339, 35.5346



50.1484, 53.0339, 106.7642



61.5027, 53.0339, 87.6911

Sweetspot

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



50.6681, 53.0364, 26.6360



87.1715, 92.0595, 82.1767



41.4825, 31.4312, 33.5439



18.3941, 19.4300, 16.7184



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.



50.6681, 53.0364, 26.6360



69.8161, 72.4947, 29.6985



51.8453, 63.1411, 28.5243



13.8264, 14.5921, 13.8134



24.4136, 23.1128, 3.1745



1.6544, 1.6429, 0.2299

Inverse Universe

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



31.9028, 31.4269, 70.0300



39.5439, 37.6638, 99.7934



30.9911, 25.2297, 68.8818



12.6451, 13.2299, 16.5393



8.7364, 5.3423, 40.3091



0.6393, 0.4926, 2.6358

Previews

White Background



This preview shows how the XYZ color 50.6668, 53.0339, 26.6349 looks on a white background.

Color Contrast Check

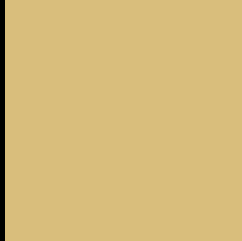
Large Text (above 18pt) WCAG AA × Fail

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 50.6668, 53.0339, 26.6349 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 50.6668, 53.0339, 26.6349

Background



This preview shows how black text looks on a background with the XYZ color 50.6668, 53.0339, 26.6349.

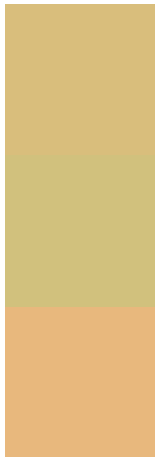


This preview shows how white text looks on a background with the XYZ color 50.6668, 53.0339,

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

50.6668, 53.0339, 26.6349

Protanopia

49.0661, 53.1759, 27.0800

Deuteranopia

54.1209, 52.9175, 26.7636



Tritanopia

57.1147, 52.8352, 58.8177

Trichromacy



Original Color

50.6668, 53.0339, 26.6349

Protanomaly

49.7027, 53.1770, 27.0466

Deuteranomaly

52.9391, 52.9294, 26.8282

Tritanomaly

54.1207, 52.5177, 44.8206

Monochromacy



Original Color

50.6668, 53.0339, 26.6349

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.4253, 52.3310, 44.0551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6668, 53.0339, 26.6349 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(217, 190, 124)` looks like.

```
.text, #text, p{  
    color:rgb(217, 190, 124)  
}
```

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(217, 190, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 190, 124) }
```

Border

The CSS property to change the border of an element to XYZ 50.6668, 53.0339, 26.6349 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(217, 190, 124) }
```


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

```
.border{ border-color:rgb(217, 190, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 190, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 190, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 190, 124);  
box-shadow:4px 4px 4px 4px rgb(217, 190,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6668, 53.0339, 26.6349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 190, 124) }
```

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

```
.background{ background-color: rgb(217,  
190, 124) }
```

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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