

Converting Colors

XYZ(47.5337, 50.2308, 25.7334)

Have a look what the booklet for
XYZ(47.5337, 50.2308, 25.7334)
contains.

XYZ(47.3663, 50.0783, 25.5820)	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(47.3663, 50.0783,
25.5820)**

Conversions

Conversions Part 1

Format	Color
Hex	D1BA7A
RGB	209, 186, 122
RGB Percent	82%, 73%, 48%
CMY	0.1804, 0.2706, 0.5216
CMYK	0.00, 0.11, 0.42, 0.18
HSL	44°, 49%, 65%
HSV	44°, 42%, 82%
XYZ	47.3663, 50.0783, 25.5820
YIQ	185.5810, 34.2520, -15.0280

Conversions

Conversions Part 2

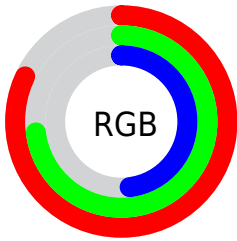
Format	Color
R_{YB}	153, 209, 122
Decimal	13744762
CIE _{Lab}	76.12, -0.65, 35.41
CIE _{LCh}	76, 35.418, 91.044
Yxy	50.0783, 0.3850, 0.4071
Android (android.graphics.Color)	4291934842 (0xFFD1BA7A)
YUV	185.5810, -31.3454, 20.5385
Hunter-Lab	70.7660, -4.3639, 28.1028

Details

The XYZ color **47.3663, 50.0783, 25.5820** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.6598, 28.9909, 64.3542**, and the grayscale version is **46.5951, 49.0217, 53.3846**.

A 20% lighter version of the original color is **80.7300, 87.8594, 53.2611**, and **22.6941, 24.0152, 9.5702** is the 20% darker color. If you saturate the color by 10%, you get **45.0671, 47.3341, 19.0993**, and if you desaturate by 10%, it is **49.9915, 53.0285, 33.5484**.

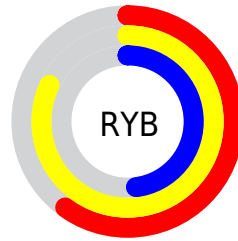
Distribution



Red (82%)

Green (73%)

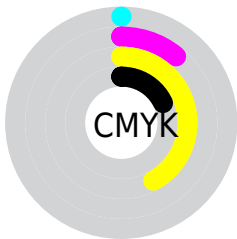
Blue (48%)



Red (60%)

Yellow (82%)

Blue (48%)

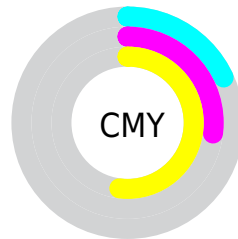


Cyan (0%)

Magenta (11%)

Yellow (42%)

Black (18%)



Cyan (18%)

Magenta (27%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3663, 50.0783, 25.5820 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 47.3663, 50.0783, 25.5820 by changing the saturation by 10% instead.

■ 47.3663, 50.0783,
25.5820

■ 47.3663, 50.0783,
25.5820

366.8993,
386.9721, 294.2640

■ 33.5345, 35.4756,
16.2882

■ 85.4756, 90.2909,
53.5756

■ 22.6974, 24.0295,
9.5718

■ 110.4837,
116.6696, 73.1125

■ 14.4897, 15.3555,
5.0141

■ 139.9480,
147.7424, 96.9010

■ 8.5460, 9.0693,
2.1967

174.2338,
183.8937, 125.3594

■ 4.5010, 4.7864,
0.6724

213.7065,
225.5079, 158.9063

■ 1.9893, 2.1225,
0.0000

258.7314,

■ 0.6279, 0.6772,

272.9695, 197.9604

0.0000

309.6739,
326.6627, 242.9401

■ 0.0000, 0.0000,
0.0000

■ 47.3663, 50.0783,
25.5820

■ 47.3663, 50.0783,
25.5820

■ 45.0671, 47.3341,
19.0993

■ 49.9915, 53.0285,
33.5484

■ 43.0716, 44.7808,
14.0021

■ 52.9559, 56.1854,
43.0821

■ 41.3605, 42.4116,
10.1852

■ 56.2764, 59.5582,
54.2640

■ 39.9101, 40.2162,
7.5269

■ 59.9675, 63.1537,
67.1687

■ 38.6923, 38.1826,
5.8818

■ 64.0430, 66.9779,
81.8659

■ 37.8104, 36.5870,
5.0692

■ 68.5158, 71.0370,
98.4217

■ 71.1817, 74.4497,
105.2263

■ 72.6965, 77.4794,
105.7312

■ 74.2601, 80.6065,
106.2524

Harmonies

Analogous

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



54.0347, 50.0783, 28.4314



47.3663, 50.0783, 25.5820



41.3270, 50.0783, 28.8640

Triad

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



47.3663, 50.0783, 25.5820



37.4978, 50.0783, 75.5846



59.6353, 50.0783, 74.1629

Complementary

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



47.3663, 50.0783, 25.5820



29.6598, 28.9909, 64.3542

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.



54.4732, 50.0783, 92.1322



47.3663, 50.0783, 25.5820



41.6938, 50.0783, 93.0780

Square

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



47.3663, 50.0783, 25.5820



35.9648, 50.0783, 55.1939



47.8303, 50.0783, 99.7355



61.5026, 50.0783, 53.8650

Rectangle

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



47.3663, 50.0783, 25.5820



38.3643, 50.0783, 34.6571



47.8303, 50.0783, 99.7355



58.2056, 50.0783, 80.8277

Sweetspot

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



47.3675, 50.0806, 25.5830



87.9828, 93.1313, 84.1447



38.3807, 29.5254, 30.5457



18.6785, 19.7806, 17.4857



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.



47.3675, 50.0806, 25.5830



71.0393, 74.6770, 30.9199



47.2255, 57.7867, 27.0779



12.5281, 13.2468, 12.5086



23.3971, 22.7271, 3.1536



1.3712, 1.3967, 0.1973

Inverse Universe

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



29.6598, 28.9909, 64.3542



39.6568, 37.3301, 99.7230



29.6756, 24.3005, 63.4480



11.4142, 11.9186, 14.9426



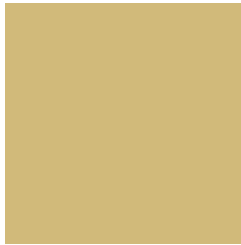
8.0147, 4.6760, 37.6726



0.5140, 0.3931, 2.1284

Previews

White Background



This preview shows how the XYZ color 47.3663, 50.0783, 25.5820 looks on a white background.

Color Contrast Check

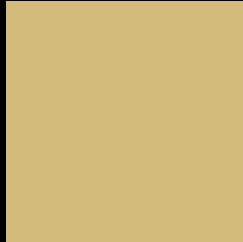
Large Text (above 18pt) WCAG AA × Fail

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 47.3663, 50.0783, 25.5820 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 47.3663, 50.0783, 25.5820

Background



This preview shows how black text looks on a background with the XYZ color 47.3663, 50.0783, 25.5820.



This preview shows how white text looks on a background with the XYZ color 47.3663, 50.0783,

25.5820.

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

47.3663, 50.0783, 25.5820

Protanopia

46.4602, 50.2339, 25.9863

Deuteranopia

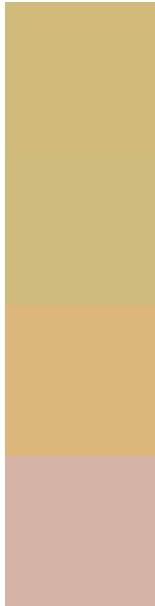
51.2604, 50.2413, 25.7347



Tritanopia

53.4450, 49.8048, 56.0866

Trichromacy



Original Color

47.3663, 50.0783, 25.5820

Protanomaly

46.7991, 50.0925, 25.9411

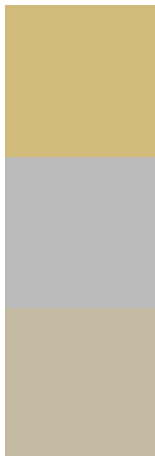
Deuteranomaly

49.8183, 50.1016, 25.7838

Tritanomaly

50.6448, 49.5418, 42.9697

Monochromacy



Original Color

47.3663, 50.0783, 25.5820

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.4179, 49.2315, 41.7065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3663, 50.0783, 25.5820 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(209, 186, 122)` looks like.

```
.text, #text, p{  
    color:rgb(209, 186, 122)  
}
```

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(209, 186, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 186, 122) }
```

Border

The CSS property to change the border of an element to XYZ 47.3663, 50.0783, 25.5820 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(209, 186, 122) }
```


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

```
.border{ border-color:rgb(209, 186, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 186, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 186, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 186, 122);  
box-shadow:4px 4px 4px 4px rgb(209, 186,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3663, 50.0783, 25.5820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 186, 122) }
```

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

```
.background{ background-color: rgb(209,  
186, 122) }
```

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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