

Converting Colors

XYZ(52.6533, 50.8376, 26.7783)

Have a look what the booklet for
XYZ(52.6533, 50.8376, 26.7783)
contains.

XYZ(52.7203, 50.9719, 26.7986)	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(52.7203, 50.9719,
26.7986)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B47E
RGB	230, 180, 126
RGB Percent	90%, 71%, 49%
CMY	0.0980, 0.2941, 0.5059
CMYK	0.00, 0.22, 0.45, 0.10
HSL	31°, 68%, 70%
HSV	31°, 45%, 90%
XYZ	52.7203, 50.9719, 26.7986
YIQ	188.7940, 47.1340, -6.1940

Conversions

Conversions Part 2

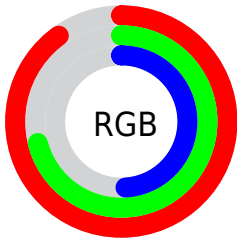
Format	Color
RYB	222, 230, 126
Decimal	15119486
CIELab	76.66, 11.41, 34.42
CIElCh	77, 36.267, 71.657
Yxy	50.9719, 0.4040, 0.3906
Android (android.graphics.Color)	4293309566 (0xFFE6B47E)
YUV	188.7940, -30.9574, 36.1377
Hunter-Lab	71.3946, 6.8701, 27.7212

Details

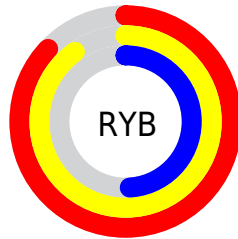
The XYZ color **52.7203, 50.9719, 26.7986** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.4118, 41.1979, 80.7902**, and the grayscale version is **48.4056, 50.9265, 55.4589**.

A 20% lighter version of the original color is **79.3721, 84.5056, 54.7757**, and **25.9071, 24.4712, 10.1954** is the 20% darker color. If you saturate the color by 10%, you get **49.2599, 46.1594, 19.1459**, and if you desaturate by 10%, it is **56.7025, 56.2819, 36.3095**.

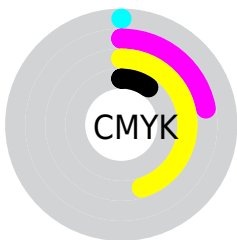
Distribution



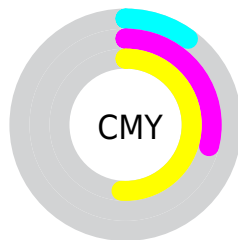
- Red (90%)
- Green (71%)
- Blue (49%)



- Red (87%)
- Yellow (90%)
- Blue (49%)



- Cyan (0%)
- Magenta (22%)
- Yellow (45%)
- Black (10%)





- Cyan (10%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7203, 50.9719, 26.7986 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 52.7203, 50.9719, 26.7986 by changing the saturation by 10% instead.


 52.7203, 50.9719,
26.7986

 52.7203, 50.9719,
26.7986


387.4896,
390.4546, 300.4099

 37.8061, 36.1862,
17.1909


 93.3606, 91.6132,
55.5603

 26.0088, 24.5781,
10.2073


 119.8175,
118.2377, 75.5514

 16.9629, 15.7630,
5.4292


 150.8526,
149.5772, 99.8408

 10.3032, 9.3566,
2.4381

186.8313,
186.0162, 128.8469

 5.6643, 4.9745,
0.8071

228.1190,
227.9391, 162.9884

 2.6807, 2.2323,
0.0000

275.0811,

 0.9873, 0.7375,

275.7301, 202.6836

0.0000

328.0828,
329.7739, 248.3513

■ 0.0000, 0.0000,
0.0000

■ 52.7203, 50.9719,
26.7986

■ 52.7203, 50.9719,
26.7986

■ 49.2599, 46.1594,
19.1459

■ 56.7025, 56.2819,
36.3095

■ 46.2897, 41.8194,
13.2220

■ 61.2281, 62.0986,
47.7898

■ 43.7799, 37.9350,
8.8859


■ 66.3220, 68.4401,
61.3456


■ 41.6950, 34.4849,
5.9722


■ 72.0063, 75.3212,
77.0742

■ 39.9921, 31.4444,
4.2782

■ 78.3016, 82.7560,
95.0671

 39.2817, 30.1203,
3.7434

 83.7439, 90.1647,
107.5975

 86.4431, 95.5630,
108.4972

Harmonies

Analogous

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



58.9916, 50.9719, 33.9772



52.7203, 50.9719, 26.7986



45.8292, 50.9719, 26.1026

Triad

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



52.7203, 50.9719, 26.7986



36.6373, 50.9719, 63.4926



57.7594, 50.9719, 88.7991

Complementary

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



52.7203, 50.9719, 26.7986



38.4118, 41.1979, 80.7902

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.



51.1632, 50.9719, 101.3566



52.7203, 50.9719, 26.7986



39.2408, 50.9719, 84.6036

Square

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



52.7203, 50.9719, 26.7986



36.9690, 50.9719, 44.4347



44.4116, 50.9719, 99.6617



62.0850, 50.9719, 68.2642

Rectangle

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



52.7203, 50.9719, 26.7986



41.8455, 50.9719, 29.1434



44.4116, 50.9719, 99.6617



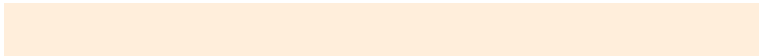
55.7092, 50.9719, 94.2895

Sweetspot

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



52.7216, 50.9743, 26.7996



84.5932, 87.4453, 79.6452



47.9571, 34.8903, 45.4201



17.7901, 18.3288, 16.1882



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.



52.7216, 50.9743, 26.7996



62.6242, 58.8628, 24.9833



64.1423, 74.6375, 30.7651



14.9930, 15.5999, 15.1253



22.3624, 17.2989, 2.1604



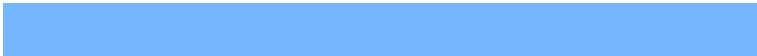
1.7454, 1.4642, 0.1906

Inverse Universe

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



38.4118, 41.1979, 80.7902



42.4623, 45.0942, 101.0738



30.6063, 25.2040, 78.1145



14.1517, 15.0247, 18.2985



11.3987, 9.8595, 43.6855



0.9349, 0.9138, 3.2591

Previews

White Background



This preview shows how the XYZ color 52.7203, 50.9719, 26.7986 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 52.7203, 50.9719, 26.7986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

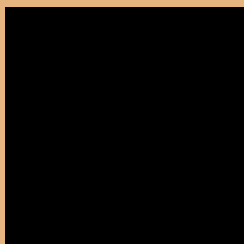
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.7203, 50.9719, 26.7986

Background



This preview shows how black text looks on a background with the XYZ color 52.7203, 50.9719, 26.7986.



This preview shows how white text looks on a background with the XYZ color 52.7203, 50.9719,

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

52.7203, 50.9719, 26.7986

Protanopia

47.4037, 50.9860, 28.4619

Deuteranopia

51.9683, 50.8850, 26.8214



Tritanopia

58.2075, 50.8831, 53.2079

Trichromacy



Original Color

52.7203, 50.9719, 26.7986

Protanomaly

49.2529, 50.9989, 28.0167

Deuteranomaly

52.2847, 51.0481, 26.8362

Tritanomaly

55.9625, 50.8327, 41.9841

Monochromacy



Original Color

52.7203, 50.9719, 26.7986

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.3437, 50.7084, 43.2634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7203, 50.9719, 26.7986 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(230, 180, 126)` looks like.

```
.text, #text, p{  
    color:rgb(230, 180, 126)  
}
```

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(230, 180, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 180, 126) }
```

Border

The CSS property to change the border of an element to XYZ 52.7203, 50.9719, 26.7986 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(230, 180, 126) }
```


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

```
.border{ border-color:rgb(230, 180, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 180, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 180, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 180, 126);  
box-shadow:4px 4px 4px 4px rgb(230, 180,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7203, 50.9719, 26.7986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 180, 126) }
```

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

```
.background{ background-color: rgb(230,  
180, 126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor