

Converting Colors

XYZ(50.4987, 49.5427, 25.9699)

Have a look what the booklet for
XYZ(50.4987, 49.5427, 25.9699)
contains.

XYZ(50.4987, 49.5427, 25.9699)	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(50.4987, 49.5427,
25.9699)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B37C
RGB	224, 179, 124
RGB Percent	88%, 70%, 49%
CMY	0.1216, 0.2980, 0.5137
CMYK	0.00, 0.20, 0.45, 0.12
HSL	33°, 62%, 68%
HSV	33°, 45%, 88%
XYZ	50.4987, 49.5427, 25.9699
YIQ	186.1850, 44.4750, -7.5650

Conversions

Conversions Part 2

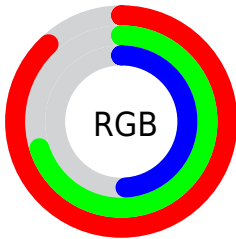
Format	Color
R _Y B	206, 224, 124
Decimal	14726012
CIE Lab	75.79, 9.33, 34.22
CIE LCh	76, 35.471, 74.753
Yxy	49.5427, 0.4007, 0.3932
Android (android.graphics.Color)	4292916092 (0xFFE0B37C)
YUV	186.1850, -30.6572, 33.1638
Hunter-Lab	70.3866, 4.8879, 27.3949

Details

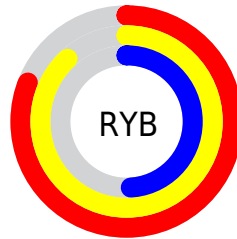
The XYZ color **50.4987, 49.5427, 25.9699** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.9542, 38.0415, 75.9688**, and the grayscale version is **46.9259, 49.3697, 53.7636**.

A 20% lighter version of the original color is **78.8841, 83.8510, 53.6222**, and **24.6332, 23.6316, 9.7416** is the 20% darker color. If you saturate the color by 10%, you get **47.2934, 45.1474, 18.6888**, and if you desaturate by 10%, it is **54.1759, 54.3667, 34.9967**.

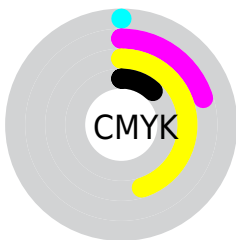
Distribution



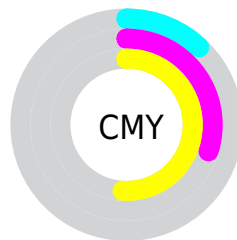
- Red (88%)
- Green (70%)
- Blue (49%)



- Red (81%)
- Yellow (88%)
- Blue (49%)



- Cyan (0%)
- Magenta (20%)
- Yellow (45%)
- Black (12%)




- Cyan (12%)
- Magenta (30%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4987, 49.5427, 25.9699 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 50.4987, 49.5427, 25.9699 by changing the saturation by 10% instead.


 50.4987, 49.5427,
25.9699


 50.4987, 49.5427,
25.9699


379.0328,
384.8749, 296.2351

 36.0292, 35.0502,
16.5756


 90.1007, 89.4970,
54.2099

 24.6270, 23.7015,
9.7736


 115.9640,
115.7275, 73.8926

 15.9266, 15.1124,
5.1455


 146.3560,
146.6394, 97.8418

 9.5628, 8.8983,
2.2726

181.6419,
182.6173, 126.4762

 5.1701, 4.6749,
0.7158

222.1872,
224.0453, 160.2141

 2.3832, 2.0578,
0.0000

268.3572,

 0.8367, 0.6407,

271.3080, 199.4742

0.0000

320.5173,
324.7898, 244.6750

■ 0.0000, 0.0000,
0.0000

■ 50.4987, 49.5427,
25.9699

■ 50.4987, 49.5427,
25.9699

■ 47.2934, 45.1474,
18.6888

■ 54.1759, 54.3667,
34.9967

■ 44.5311, 41.1587,
13.0331

■ 58.3444, 59.6266,
45.8726

■ 42.1850, 37.5626,
8.8719

■ 63.0267, 65.3378,
58.6963

■ 40.2228, 34.3407,
6.0524

■ 68.2427, 71.5129,
73.5586

■ 38.6060, 31.4721,
4.3878

■ 74.0113, 78.1639,
90.5446

■ 37.8496, 30.0656,
3.8083

■ 79.7975, 85.0813,
106.8243

■ 82.8389, 91.1642,
107.8381

■ 84.5505, 94.5873,
108.4086

Harmonies

Analogous

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



56.6679, 49.5427, 32.2236



50.4987, 49.5427, 25.9699



43.9366, 49.5427, 25.9203

Triad

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



50.4987, 49.5427, 25.9699



35.8722, 49.5427, 63.7180



56.5807, 49.5427, 84.0202

Complementary

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



50.4987, 49.5427, 25.9699



35.9542, 38.0415, 75.9688

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.



50.3884, 49.5427, 97.1728



50.4987, 49.5427, 25.9699



38.6551, 49.5427, 83.7237

Square

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



50.4987, 49.5427, 25.9699



35.8957, 49.5427, 44.9559



43.8361, 49.5427, 97.0532



60.3960, 49.5427, 64.0558

Rectangle

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



50.4987, 49.5427, 25.9699



40.2317, 49.5427, 29.2927



43.8361, 49.5427, 97.0532



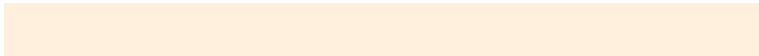
54.6840, 49.5427, 89.5711

Sweetspot

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



50.4999, 49.5451, 25.9709



85.5896, 88.8956, 81.6494



45.1099, 33.1277, 41.5533



18.0025, 18.6468, 16.5879



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.



50.4999, 49.5451, 25.9709



63.5477, 60.7098, 25.2911



59.5073, 69.8267, 29.4109



14.3291, 14.9441, 14.4361



22.1477, 17.7333, 2.2555



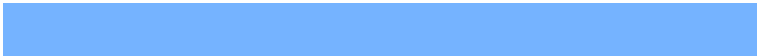
1.6242, 1.4073, 0.1860

Inverse Universe

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



35.9542, 38.0415, 75.9688



41.5984, 43.3666, 100.7859



29.7159, 24.4648, 73.6770



13.4573, 14.2538, 17.4297



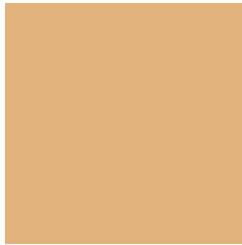
10.6397, 8.7490, 42.1763



0.8259, 0.7833, 2.9529

Previews

White Background



This preview shows how the XYZ color 50.4987, 49.5427, 25.9699 looks on a white background.

Color Contrast Check

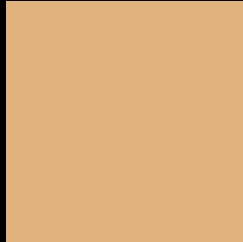
Large Text (above 18pt) WCAG AA × Fail

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 50.4987, 49.5427, 25.9699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

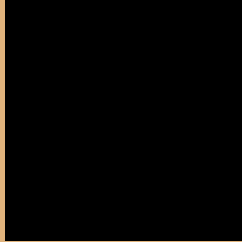
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4987, 49.5427, 25.9699

Background



This preview shows how black text looks on a background with the XYZ color 50.4987, 49.5427, 25.9699.



This preview shows how white text looks on a background with the XYZ color 50.4987, 49.5427,

25.9699.

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

50.4987, 49.5427, 25.9699

Protanopia

45.9582, 49.6295, 27.2359

Deuteranopia

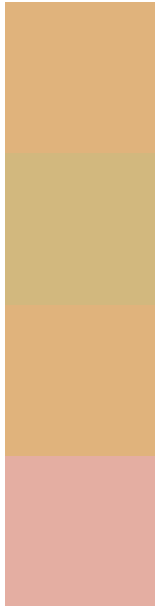
50.4987, 49.5427, 25.9699



Tritanopia

55.8478, 49.4095, 51.9409

Trichromacy



Original Color

50.4987, 49.5427, 25.9699

Protanomaly

47.4847, 49.4890, 26.7883

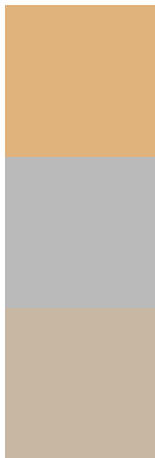
Deuteranomaly

50.4987, 49.5427, 25.9699

Tritanomaly

53.6525, 49.3747, 40.8849

Monochromacy



Original Color

50.4987, 49.5427, 25.9699

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.3638, 48.7907, 41.5715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4987, 49.5427, 25.9699 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(224, 179, 124)` looks like.

```
.text, #text, p{  
    color:rgb(224, 179, 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(224, 179, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 179, 124) }
```

Border

The CSS property to change the border of an element to XYZ 50.4987, 49.5427, 25.9699 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(224, 179, 124) }
```


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

```
.border{ border-color:rgb(224, 179, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 179, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 179, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 179, 124);  
box-shadow:4px 4px 4px 4px rgb(224, 179,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4987, 49.5427, 25.9699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 179, 124) }
```

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

```
.background{ background-color: rgb(224,  
179, 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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