

Converting Colors

XYZ(50.5012, 49.5797, 24.3609)

Have a look what the booklet for
XYZ(50.5012, 49.5797, 24.3609)
contains.

XYZ(50.5012, 49.5797, 24.3609)	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(50.5012, 49.5797,
24.3609)**

Conversions

Conversions Part 1

Format	Color
Hex	E1B377
RGB	225, 179, 119
RGB Percent	88%, 70%, 47%
CMY	0.1176, 0.2980, 0.5333
CMYK	0.00, 0.20, 0.47, 0.12
HSL	34°, 64%, 67%
HSV	34°, 47%, 88%
XYZ	50.5012, 49.5797, 24.3609
YIQ	185.9140, 46.6760, -8.9080

Conversions

Conversions Part 2

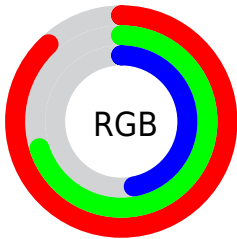
Format	Color
R_{YB}	200, 225, 119
Decimal	14791543
CIE _{Lab}	75.81, 9.24, 36.88
CIE _{LCh}	76, 38.018, 75.939
Yxy	49.5797, 0.4058, 0.3984
Android (android.graphics.Color)	4292981623 (0xFFE1B377)
YUV	185.9140, -32.9886, 34.2784
Hunter-Lab	70.4129, 4.8005, 28.7763

Details

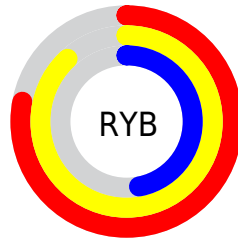
The XYZ color **50.5012, 49.5797, 24.3609** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.6529, 36.2669, 76.4077**, and the grayscale version is **46.7857, 49.2222, 53.6029**.

A 20% lighter version of the original color is **78.3947, 83.6552, 51.0450**, and **24.4714, 23.5669, 8.8893** is the 20% darker color. If you saturate the color by 10%, you get **47.4190, 45.3278, 17.4378**, and if you desaturate by 10%, it is **54.0443, 54.2414, 33.0167**.

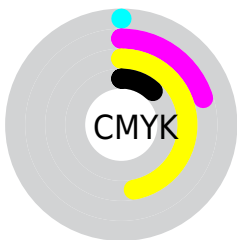
Distribution



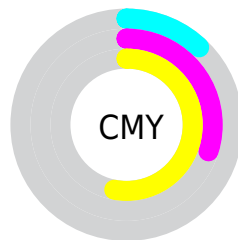
- Red (88%)
- Green (70%)
- Blue (47%)



- Red (78%)
- Yellow (88%)
- Blue (47%)



- Cyan (0%)
- Magenta (20%)
- Yellow (47%)
- Black (12%)



- Cyan (12%)
- Magenta (30%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5012, 49.5797, 24.3609 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 50.5012, 49.5797, 24.3609 by changing the saturation by 10% instead.

50.5012, 49.5797,
24.3609

50.5012, 49.5797,
24.3609

379.0424,
385.0200, 287.9851

36.0312, 35.0796,
15.3869

90.1044, 89.5518,
51.5697

24.6285, 23.7242,
8.9417

115.9684,
115.7926, 70.6415

15.9278, 15.1291,
4.6069

146.3610,
146.7157, 93.9164

9.5636, 8.9101,
1.9638

181.6478,
182.7055, 121.8129

5.1706, 4.6826,
0.5329

222.1939,
224.1465, 154.7494

2.3835, 2.0622,
0.0000

268.3648,

0.8369, 0.6433,

271.4230, 193.1446

0.0000

320.5259,
324.9193, 237.4170

■ 0.0000, 0.0000,
0.0000

■ 50.5012, 49.5797,
24.3609

■ 50.5012, 49.5797,
24.3609

■ 47.4190, 45.3278,
17.4378

■ 54.0443, 54.2414,
33.0167

■ 44.7682, 41.4636,
12.1227

■ 58.0681, 59.3197,
43.5121

■ 42.5211, 37.9735,
8.2788

■ 62.5955, 64.8298,
55.9488

■ 40.6444, 34.8390,
5.7449

■ 67.6465, 70.7839,
70.4200

■ 39.0949, 32.0379,
4.3101

■ 73.2402, 77.1937,
87.0131

■ 38.6884, 31.2819,
3.9989

■ 79.3944, 84.0704,
105.8100

■ 82.4682, 89.9614,
107.6255

■ 84.8612, 94.7475,
108.4232

Harmonies

Analogous

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



57.2138, 49.5797, 30.5795



50.5012, 49.5797, 24.3609



43.4918, 49.5797, 24.5556

Triad

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



50.5012, 49.5797, 24.3609



35.2340, 49.5797, 65.3855



57.5729, 49.5797, 85.8021

Complementary

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



50.5012, 49.5797, 24.3609



34.6529, 36.2669, 76.4077

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.



50.9530, 49.5797, 100.6864



50.5012, 49.5797, 24.3609



38.2962, 49.5797, 87.0361

Square

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



50.5012, 49.5797, 24.3609



35.1392, 49.5797, 45.0748



43.9009, 49.5797, 101.1874



61.5643, 49.5797, 63.9957

Rectangle

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



50.5012, 49.5797, 24.3609



39.5938, 49.5797, 28.2189



43.9009, 49.5797, 101.1874



55.5532, 49.5797, 91.9960

Sweetspot

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



50.5024, 49.5821, 24.3619



85.0816, 88.4220, 79.8080



44.5957, 31.9806, 40.2368



17.9091, 18.5667, 16.2278



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.



50.5024, 49.5821, 24.3619



62.8699, 60.0472, 22.9288



59.6794, 70.3510, 27.8870



14.3479, 14.9817, 14.4423



22.4124, 18.2627, 2.3438



1.6421, 1.4430, 0.1920

Inverse Universe

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



34.6529, 36.2669, 76.4077



39.3267, 40.2921, 100.3121



28.5435, 22.9379, 74.1569



13.4388, 14.2167, 17.4235



10.4399, 8.3494, 42.1097



0.8114, 0.7543, 2.9481

Previews

White Background



This preview shows how the XYZ color 50.5012, 49.5797, 24.3609 looks on a white background.

Color Contrast Check

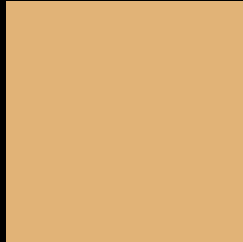
Large Text (above 18pt) WCAG AA × Fail

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 50.5012, 49.5797, 24.3609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

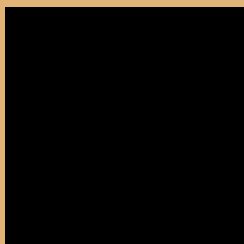
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5012, 49.5797, 24.3609

Background



This preview shows how black text looks on a background with the XYZ color 50.5012, 49.5797, 24.3609.

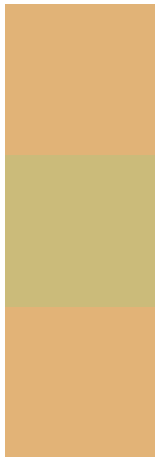


This preview shows how white text looks on a background with the XYZ color 50.5012, 49.5797,

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

50.5012, 49.5797, 24.3609

Protanopia

45.9118, 49.6423, 25.5745

Deuteranopia

50.8139, 49.7409, 24.3755



Tritanopia

56.1696, 49.5754, 51.9560

Trichromacy



Original Color

50.5012, 49.5797, 24.3609

Protanomaly

47.4556, 49.5103, 25.1444

Deuteranomaly

50.8139, 49.7409, 24.3755

Tritanomaly

53.7943, 49.4682, 39.9708

Monochromacy



Original Color

50.5012, 49.5797, 24.3609

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.2745, 48.7550, 41.1014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5012, 49.5797, 24.3609 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(225, 179, 119)` looks like.

```
.text, #text, p{  
    color:rgb(225, 179, 119)  
}
```

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(225, 179, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 179, 119) }
```

Border

The CSS property to change the border of an element to XYZ 50.5012, 49.5797, 24.3609 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(225, 179, 119) }
```


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

```
.border{ border-color:rgb(225, 179, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 179, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 179, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 179, 119);  
box-shadow:4px 4px 4px 4px rgb(225, 179,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5012, 49.5797, 24.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 179, 119) }
```

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

```
.background{ background-color: rgb(225,  
179, 119) }
```

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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