

Converting Colors

XYZ(50.1537, 49.1572, 21.8838)

Have a look what the booklet for
XYZ(50.1537, 49.1572, 21.8838)
contains.

XYZ(50.1537, 49.1572, 21.8838)	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(50.1537, 49.1572,
21.8838)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B26F
RGB	226, 178, 111
RGB Percent	89%, 70%, 44%
CMY	0.1137, 0.3019, 0.5647
CMYK	0.00, 0.21, 0.51, 0.11
HSL	35°, 66%, 66%
HSV	35°, 51%, 89%
XYZ	50.1537, 49.1572, 21.8838
YIQ	184.7140, 50.1150, -10.6610

Conversions

Conversions Part 2

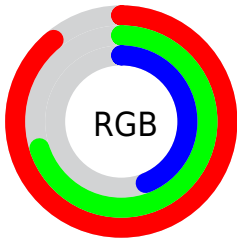
Format	Color
RYB	193, 226, 111
Decimal	14856815
CIELab	75.55, 9.43, 40.69
CIELCh	76, 41.770, 76.949
Yxy	49.1572, 0.4138, 0.4056
Android (android.graphics.Color)	4293046895 (0xFFE2B26F)
YUV	184.7140, -36.3410, 36.2078
Hunter-Lab	70.1122, 4.9909, 30.5726

Details

The XYZ color **50.1537, 49.1572, 21.8838** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.6807, 33.6655, 76.7271**, and the grayscale version is **46.1322, 48.5346, 52.8542**.

A 20% lighter version of the original color is **77.3637, 82.7860, 47.0237**, and **24.3244, 23.3290, 7.6358** is the 20% darker color. If you saturate the color by 10%, you get **47.2509, 45.0976, 15.5344**, and if you desaturate by 10%, it is **53.5027, 53.6056, 29.9360**.

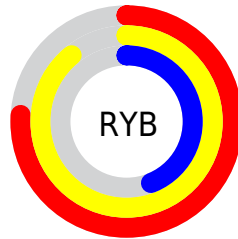
Distribution



Red (89%)

Green (70%)

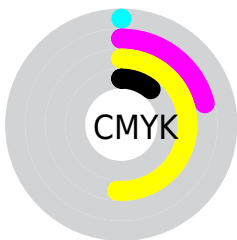
Blue (44%)



Red (76%)

Yellow (89%)

Blue (44%)

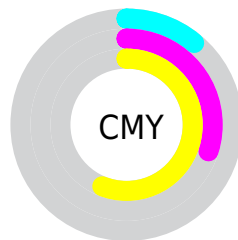


Cyan (0%)

Magenta (21%)

Yellow (51%)

Black (11%)



Cyan (11%)


Magenta (30%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.1537, 49.1572, 21.8838 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 50.1537, 49.1572, 21.8838 by changing the saturation by 10% instead.


 50.1537, 49.1572,
21.8838

 50.1537, 49.1572,
21.8838


377.7088,
383.3609, 274.8725

 35.7538, 34.7442,
13.5740


 89.5930, 88.9249,
47.4536


 24.4134, 23.4659,
7.6897


 115.3632,
115.0484, 65.5507

 15.7669, 14.9379,
3.8121

 145.6542,
145.8441, 87.7474

 9.4492, 8.7758,
1.5228

 180.8313,
181.6965, 114.4621

 5.0948, 4.5952,
0.2349

221.2600,
222.9900, 146.1134

 2.3383, 2.0118,
0.0000

267.3056,

 0.8142, 0.6143,

270.1090, 183.1199

0.0000

319.3334,
323.4378, 225.9001

■ 0.0000, 0.0000,
0.0000

■ 50.1537, 49.1572,
21.8838

■ 50.1537, 49.1572,
21.8838

■ 47.2509, 45.0976,
15.5344

■ 53.5027, 53.6056,
29.9360

■ 44.7641, 41.4048,
10.7563

■ 57.3186, 58.4493,
39.8030

■ 42.6638, 38.0648,
7.4036

■ 61.6247, 63.7035,
51.5909

■ 40.9144, 35.0588,
5.3009

■ 66.4417, 69.3802,
65.3964

■ 39.5719, 32.5844,
4.2038

■ 71.7889, 75.4909,
81.3099

■ 77.6845, 82.0463,
99.4160

■ 81.7737, 88.1082,
107.3044

■ 84.6854, 93.9315,
108.2749

■ 85.1740, 94.9087,
108.4378

Harmonies

Analogous

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



57.6004, 49.1572, 28.0906



50.1537, 49.1572, 21.8838



42.5294, 49.1572, 22.2984

Triad

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



50.1537, 49.1572, 21.8838



33.9185, 49.1572, 66.8910



58.4247, 49.1572, 88.0867

Complementary

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



50.1537, 49.1572, 21.8838



32.6807, 33.6655, 76.7271

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.



51.1825, 49.1572, 105.3272



50.1537, 49.1572, 21.8838



37.3082, 49.1572, 90.9659

Square

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



50.1537, 49.1572, 21.8838



33.7080, 49.1572, 44.4902



43.4514, 49.1572, 106.5061



62.7177, 49.1572, 63.7043

Rectangle

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



50.1537, 49.1572, 21.8838



38.3594, 49.1572, 26.2409



43.4514, 49.1572, 106.5061



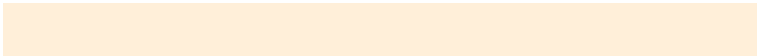
56.2204, 49.1572, 95.1701

Sweetspot

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



50.1549, 49.1596, 21.8848



84.6091, 88.0111, 78.0037



43.4671, 30.1054, 37.1616



17.8230, 18.4997, 15.8751



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.



50.1549, 49.1596, 21.8848



61.9448, 59.0318, 20.0469



59.0789, 70.4973, 25.5330



14.3674, 15.0207, 14.4488



22.6956, 18.8291, 2.4382



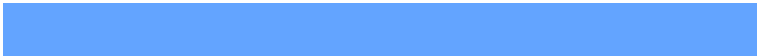
1.6610, 1.4808, 0.1983

Inverse Universe

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



32.6807, 33.6655, 76.7271



36.5864, 36.5810, 99.7403



26.9744, 20.7588, 74.5366



13.4197, 14.1785, 17.4171



10.2426, 7.9547, 42.0439



0.7969, 0.7253, 2.9432

Previews

White Background



This preview shows how the XYZ color 50.1537, 49.1572, 21.8838 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 50.1537, 49.1572, 21.8838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

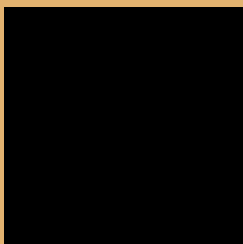
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.1537, 49.1572, 21.8838

Background



This preview shows how black text looks on a background with the XYZ color 50.1537, 49.1572, 21.8838.



This preview shows how white text looks on a background with the XYZ color 50.1537, 49.1572,

21.8838.

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

50.1537, 49.1572, 21.8838

Protanopia

45.4980, 49.1701, 23.0124

Deuteranopia

50.1537, 49.1572, 21.8838



Tritanopia

55.9102, 48.9091, 50.7496

Trichromacy



Original Color

50.1537, 49.1572, 21.8838

Protanomaly

47.0655, 49.0563, 22.6110

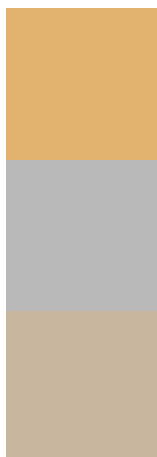
Deuteranomaly

50.1537, 49.1572, 21.8838

Tritanomaly

53.3864, 48.7283, 38.0442

Monochromacy



Original Color

50.1537, 49.1572, 21.8838

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.7189, 48.2039, 39.1897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1537, 49.1572, 21.8838 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(226, 178, 111)` looks like.

```
.text, #text, p{  
    color:rgb(226, 178, 111)  
}
```

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(226, 178, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 178, 111) }
```

Border

The CSS property to change the border of an element to XYZ 50.1537, 49.1572, 21.8838 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(226, 178, 111) }
```


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

```
.border{ border-color:rgb(226, 178, 111) }
```

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

Here you see how a box with a 4 pixel rgb(226, 178, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 178, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 178, 111);  
box-shadow:4px 4px 4px 4px rgb(226, 178,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1537, 49.1572, 21.8838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 178, 111) }
```

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

```
.background{ background-color: rgb(226,  
178, 111) }
```

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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