

Converting Colors

XYZ(50.5259, 50.2196, 24.2902)

Have a look what the booklet for
XYZ(50.5259, 50.2196, 24.2902)
contains.

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Color

**XYZ(50.5344, 50.2030,
24.1662)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B576
RGB	224, 181, 118
RGB Percent	88%, 71%, 46%
CMY	0.1216, 0.2902, 0.5372
CMYK	0.00, 0.19, 0.47, 0.12
HSL	36°, 63%, 67%
HSV	36°, 47%, 88%
XYZ	50.5344, 50.2030, 24.1662
YIQ	186.6750, 45.8510, -10.4770

Conversions

Conversions Part 2

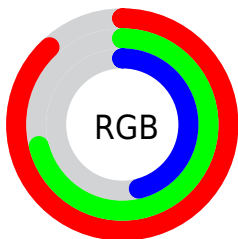
Format	Color
R_{YB}	190, 224, 118
Decimal	14726518
CIE _{Lab}	76.19, 7.67, 37.86
CIE _{LCh}	76, 38.633, 78.543
Yxy	50.2030, 0.4046, 0.4019
Android (android.graphics.Color)	4292916598 (0xFFE0B576)
YUV	186.6750, -33.8568, 32.7340
Hunter-Lab	70.8541, 3.3148, 29.3758

Details

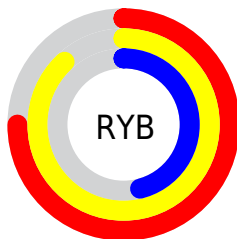
The XYZ color **50.5344, 50.2030, 24.1662** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.6702, 34.7219, 75.4484**, and the grayscale version is **47.2186, 49.6776, 54.0989**.

A 20% lighter version of the original color is **78.8749, 84.7686, 50.7329**, and **24.6989, 24.0712, 8.8133** is the 20% darker color. If you saturate the color by 10%, you get **47.5708, 46.1591, 17.3728**, and if you desaturate by 10%, it is **53.9371, 54.6191, 32.6663**.

Distribution



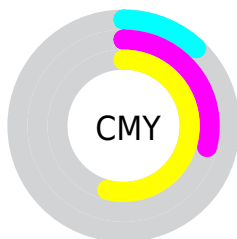
- Red (88%)
- Green (71%)
- Blue (46%)



- Red (75%)
- Yellow (88%)
- Blue (46%)



- Cyan (0%)
- Magenta (19%)
- Yellow (47%)
- Black (12%)





- Cyan (12%)
- Magenta (29%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5344, 50.2030, 24.1662 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 50.5344, 50.2030, 24.1662 by changing the saturation by 10% instead.


 50.5344, 50.2030,
24.1662

 50.5344, 50.2030,
24.1662


379.1696,
387.4593, 286.9732

 36.0577, 35.5747,
15.2436


 90.1533, 90.4756,
51.2485

 24.6491, 24.1059,
8.8420


 116.0262,
116.8887, 70.2453

 15.9432, 15.4122,
4.5429

 146.4285,
147.9988, 93.4373

 9.5745, 9.1092,
1.9276

181.7257,
184.1904, 121.2429

 5.1779, 4.8125,
0.5102

222.2830,
225.8479, 154.0808

 2.3878, 2.1377,
0.0000

268.4659,

 0.8390, 0.6857,

273.3556, 192.3694

0.0000

320.6397,
327.0979, 236.5274

■ 0.0000, 0.0000,
0.0000

■ 50.5344, 50.2030,
24.1662

■ 50.5344, 50.2030,
24.1662

■ 47.5708, 46.1591,
17.3728

■ 53.9371, 54.6191,
32.6663

■ 45.0175, 42.4665,
12.1626

■ 57.7978, 59.4130,
42.9789

■ 42.8478, 39.1128,
8.4003


■ 62.1388, 64.5987,
55.2045


■ 41.0288, 36.0809,
5.9258


■ 66.9795, 70.1875,
69.4353


■ 39.5180, 33.3498,
4.5267


■ 72.3383, 76.1899,
85.7578

 39.1475, 32.6614,
4.2410

 78.2324, 82.6161,
104.2529

 81.3238, 88.1340,
107.3331

 84.1346, 93.7554,
108.2700

 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.



57.5358, 50.2030, 29.9025



50.5344, 50.2030, 24.1662



43.4261, 50.2030, 24.9137

Triad

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



50.5344, 50.2030, 24.1662



35.7010, 50.2030, 68.3427



58.9248, 50.2030, 85.5233

Complementary

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



50.5344, 50.2030, 24.1662



33.6702, 34.7219, 75.4484

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.



52.2805, 50.2030, 101.8257



50.5344, 50.2030, 24.1662



39.0831, 50.2030, 90.3045

Square

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



50.5344, 50.2030, 24.1662



35.3353, 50.2030, 47.1220



45.0052, 50.2030, 103.7683



62.6967, 50.2030, 62.9674

Rectangle

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



50.5344, 50.2030, 24.1662



39.5596, 50.2030, 29.0397



45.0052, 50.2030, 103.7683



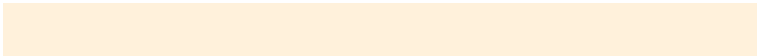
56.9239, 50.2030, 92.1370

Sweetspot

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



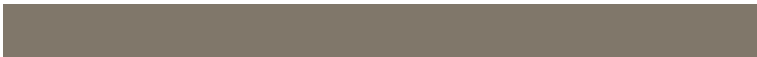
50.5356, 50.2054, 24.1672



85.3790, 89.0168, 79.9071



43.7556, 31.4192, 38.0190



17.9816, 18.7118, 16.2520



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.



50.5356, 50.2054, 24.1672



63.7853, 61.8779, 23.2339



57.9992, 69.0917, 27.4193



14.3812, 15.0483, 14.4534



22.9023, 19.2425, 2.5071



1.6747, 1.5082, 0.2029

Inverse Universe

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



33.6702, 34.7219, 75.4484



38.5517, 38.7422, 100.0538



28.6610, 22.8385, 73.4187



13.4062, 14.1515, 17.4126



10.1082, 7.6860, 41.9992



0.7869, 0.7053, 2.9399

Previews

White Background



This preview shows how the XYZ color 50.5344, 50.2030, 24.1662 looks on a white background.

Color Contrast Check

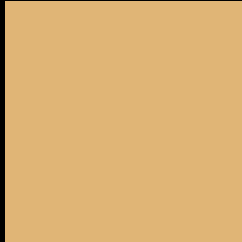
Large Text (above 18pt) WCAG AA × Fail

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 50.5344, 50.2030, 24.1662 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 50.5344, 50.2030, 24.1662

Background



This preview shows how black text looks on a background with the XYZ color 50.5344, 50.2030, 24.1662.



This preview shows how white text looks on a background with the XYZ color 50.5344, 50.2030,

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

50.5344, 50.2030, 24.1662

Protanopia

46.6112, 50.3261, 25.3464

Deuteranopia

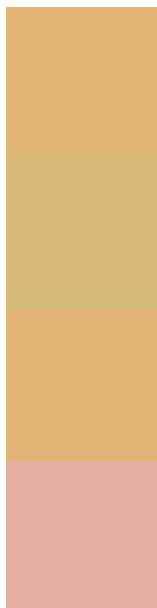
51.2698, 50.2814, 24.1426



Tritanopia

56.4396, 50.2553, 53.1799

Trichromacy



Original Color

50.5344, 50.2030, 24.1662

Protanomaly

47.8905, 50.0510, 24.9060

Deuteranomaly

50.9553, 50.1193, 24.1279

Tritanomaly

53.9533, 50.1179, 40.5483

Monochromacy



Original Color

50.5344, 50.2030, 24.1662

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.6900, 49.5859, 41.2399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5344, 50.2030, 24.1662 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, 181, 118)` looks like.

```
.text, #text, p{  
    color:rgb(224, 181, 118)  
}
```

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, 181, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 181, 118) }
```

Border

The CSS property to change the border of an element to XYZ 50.5344, 50.2030, 24.1662 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, 181, 118) }
```


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

```
.border{ border-color:rgb(224, 181, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 181, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 181, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 181, 118);  
box-shadow:4px 4px 4px 4px rgb(224, 181,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5344, 50.2030, 24.1662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 181, 118) }
```

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

```
.background{ background-color: rgb(224,  
181, 118) }
```

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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