

Converting Colors

XYZ(49.6309, 44.0022, 25.3275)

Have a look what the booklet for
XYZ(49.6309, 44.0022, 25.3275)
contains.

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Color

**XYZ(49.7253, 44.1262,
25.2984)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E8A17D |
| RGB | 232, 161, 125 |
| RGB Percent | 91%, 63%, 49% |
| CMY | 0.0902, 0.3686, 0.5098 |
| CMYK | 0.00, 0.31, 0.46, 0.09 |
| HSL | 20°, 70%, 70% |
| HSV | 20°, 46%, 91% |
| XYZ | 49.7253, 44.1262, 25.2984 |
| YIQ | 178.1250, 53.8720, 3.8560 |

Conversions

Conversions Part 2

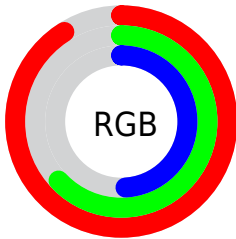
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 232, 179, 125 |
| Decimal | 15245693 |
| CIE _{Lab} | 72.31, 22.23, 29.31 |
| CIE _{LCh} | 72, 36.785, 52.824 |
| Yxy | 44.1262, 0.4173, 0.3703 |
| Android (android.graphics.Color) | 4293435773 (0xFFE8A17D) |
| YUV | 178.1250, -26.1906, 47.2484 |
| Hunter-Lab | 66.4276, 17.3705, 23.9192 |

Details

The XYZ color **49.7253, 44.1262, 25.2984** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.7620, 49.6640, 83.6763**, and the grayscale version is **42.4984, 44.7116, 48.6909**.

A 20% lighter version of the original color is **73.8317, 73.5861, 52.4317**, and **24.2287, 20.4578, 9.5092** is the 20% darker color. If you saturate the color by 10%, you get **45.8864, 38.5498, 17.5412**, and if you desaturate by 10%, it is **54.2437, 50.5078, 34.9906**.

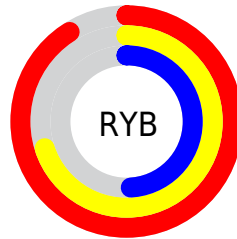
Distribution



Red (91%)

Green (63%)

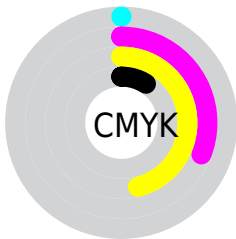
Blue (49%)



Red (91%)

Yellow (70%)

Blue (49%)

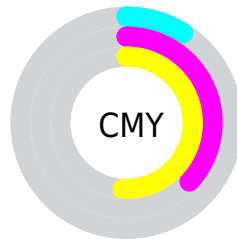


Cyan (0%)

Magenta (31%)

Yellow (46%)

Black (9%)



Cyan (9%)


Magenta (37%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.7253, 44.1262, 25.2984 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 49.7253, 44.1262, 25.2984 by changing the saturation by 10% instead.


 49.7253, 44.1262,
25.2984


 49.7253, 44.1262,
25.2984


376.0605,
363.2230, 292.8158


 35.4121, 30.7697,
16.0785


 88.9620, 81.4076,
53.1110

 24.1485, 20.4236,
9.4247


 114.6162,
106.1013, 72.5408

 15.5691, 12.7033,
4.9187


 144.7814,
135.3430, 96.2109

 9.3087, 7.2246,
2.1417

179.8230,
169.5168, 124.5399

 5.0018, 3.6029,
0.6404

220.1064,
209.0074, 157.9464

 2.2831, 1.4540,
0.0000

265.9968,

 0.7860, 0.2560,

254.1990, 196.8488

0.0000

317.8598,
305.4761, 241.6658

0.0000, 0.0000,
0.0000

49.7253, 44.1262,
25.2984

49.7253, 44.1262,
25.2984

45.8864, 38.5498,
17.5412

54.2437, 50.5078,
34.9906

42.6874, 33.7382,
11.5836

59.4719, 57.7197,
46.7355

40.0889, 29.6574,
7.2766

65.4419, 65.7937,
60.6441

38.0451, 26.2671,
4.4458

72.1830, 74.7581,
76.8188

36.5014, 23.5223,
2.8749

79.7226, 84.6398,
95.3555

■ 36.0079, 22.6141,
2.4671

■ 86.5696, 94.8575,
108.3544

■ 87.0887, 95.8958,
108.5274

Harmonies

Analogous

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



54.1754, 44.1262, 35.7647



49.7253, 44.1262, 25.2984



43.4780, 44.1262, 21.1162

Triad

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



49.7253, 44.1262, 25.2984



30.9966, 44.1262, 43.8258



46.8361, 44.1262, 87.8192

Complementary

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



49.7253, 44.1262, 25.2984



42.7620, 49.6640, 83.6763

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.



40.4400, 44.1262, 91.5386



49.7253, 44.1262, 25.2984



31.7023, 44.1262, 62.8588

Square

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



49.7253, 44.1262, 25.2984



32.9794, 44.1262, 29.9262



35.0140, 44.1262, 81.4753



52.3937, 44.1262, 72.3093

Rectangle

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



49.7253, 44.1262, 25.2984



39.2994, 44.1262, 21.4624



35.0140, 44.1262, 81.4753



44.6976, 44.1262, 90.6260

Sweetspot

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



49.7264, 44.1284, 25.2993



82.7293, 83.7174, 79.0239



50.6144, 35.8241, 56.6711



17.3378, 17.4242, 16.0374



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.



49.7264, 44.1284, 25.2993



57.2305, 48.3129, 22.4533



61.0693, 66.8142, 29.0802



14.7713, 15.1566, 15.0514



20.0943, 12.7627, 1.4044



1.5682, 1.1097, 0.1315

Inverse Universe

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



42.7620, 49.6640, 83.6763



47.5961, 55.8653, 102.8822



32.8208, 29.7815, 80.3625



14.3776, 15.4765, 18.3738



14.6160, 16.2941, 44.7579



1.1650, 1.3739, 3.3358

Previews

White Background



This preview shows how the XYZ color 49.7253, 44.1262, 25.2984 looks on a white background.

Color Contrast Check

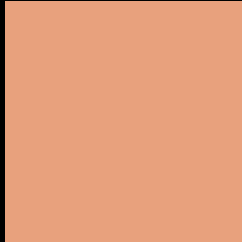
Large Text (above 18pt) WCAG AA × Fail

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 49.7253, 44.1262, 25.2984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

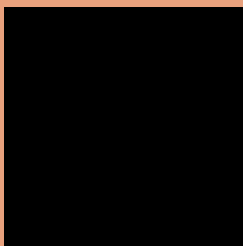
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.7253, 44.1262, 25.2984

Background



This preview shows how black text looks on a background with the XYZ color 49.7253, 44.1262, 25.2984.



This preview shows how white text looks on a background with the XYZ color 49.7253, 44.1262,

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

49.7253, 44.1262, 25.2984

Protanopia

41.3729, 44.1866, 28.1781

Deuteranopia

45.1013, 44.1766, 24.8887



Tritanopia

53.2885, 44.0656, 42.2561

Trichromacy



Original Color

49.7253, 44.1262, 25.2984

Protanomaly

43.9790, 43.8326, 26.9115

Deuteranomaly

46.6702, 44.1527, 25.1313

Tritanomaly

51.9854, 44.0431, 35.4670

Monochromacy



Original Color

49.7253, 44.1262, 25.2984

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

44.2992, 44.0140, 38.9616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7253, 44.1262, 25.2984 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(232, 161, 125)` looks like.

```
.text, #text, p{  
    color:rgb(232, 161, 125)  
}
```

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(232, 161, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 161, 125) }
```

Border

The CSS property to change the border of an element to XYZ 49.7253, 44.1262, 25.2984 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(232, 161, 125) }
```


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

```
.border{ border-color:rgb(232, 161, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 161, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 161, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 161, 125); box-shadow:4px 4px 4px 4px rgb(232, 161, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7253, 44.1262, 25.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 161, 125) }
```

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

```
.background{ background-color: rgb(232,  
161, 125) }
```

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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