

Converting Colors

XYZ(41.1369, 37.4249, 25.4776)

Have a look what the booklet for
XYZ(41.1369, 37.4249, 25.4776)
contains.

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Color

**XYZ(41.1369, 37.4249,
25.4776)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D09880 |
| RGB | 208, 152, 128 |
| RGB Percent | 82%, 60%, 50% |
| CMY | 0.1843, 0.4039, 0.4980 |
| CMYK | 0.00, 0.27, 0.38, 0.18 |
| HSL | 18°, 46%, 66% |
| HSV | 18°, 38%, 82% |
| XYZ | 41.1369, 37.4249, 25.4776 |
| YIQ | 166.0080, 41.0800, 4.4080 |

Conversions

Conversions Part 2

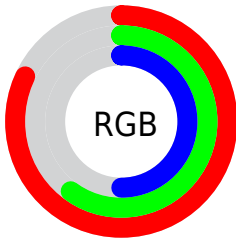
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 208, 162, 128 |
| Decimal | 13670528 |
| CIE _{Lab} | 67.59, 17.89, 20.89 |
| CIE _{LCh} | 68, 27.500, 49.418 |
| Yxy | 37.4249, 0.3954, 0.3597 |
| Android (android.graphics.Color) | 4291860608 (0xFFD09880) |
| YUV | 166.0080, -18.7379, 36.8270 |
| Hunter-Lab | 61.1759, 12.9721, 18.1309 |

Details

The XYZ color **41.1369, 37.4249, 25.4776** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.4269, 43.4224, 66.0831**, and the grayscale version is **36.3240, 38.2157, 41.6169**.

A 20% lighter version of the original color is **71.6518, 68.7388, 53.2075**, and **19.0139, 16.5473, 9.5889** is the 20% darker color. If you saturate the color by 10%, you get **37.6861, 32.4943, 18.2512**, and if you desaturate by 10%, it is **45.1603, 43.0515, 34.2802**.

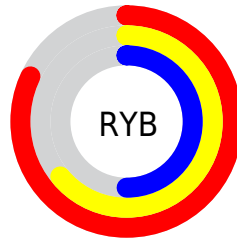
Distribution



Red (82%)

Green (60%)

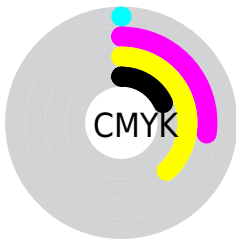
Blue (50%)



Red (82%)

Yellow (64%)

Blue (50%)

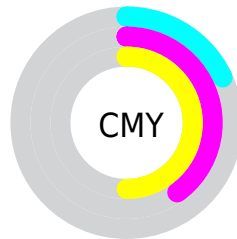


Cyan (0%)

Magenta (27%)

Yellow (38%)

Black (18%)



Cyan (18%)


Magenta (40%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1369, 37.4249, 25.4776 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 41.1369, 37.4249, 25.4776 by changing the saturation by 10% instead.


 41.1369, 37.4249,
25.4776


 41.1369, 37.4249,
25.4776

341.9453,
335.1465, 293.7316


 28.6142, 25.5366,
16.2110

 76.1651, 71.2258,
53.4047

 18.9320, 16.4773,
9.5176


 99.4013, 93.9072,
72.9022

 11.7249, 9.8625,
4.9789


 126.9393,
120.9552, 96.6471

 6.6275, 5.3079,
2.1764

159.1446,
152.7540, 125.0580

 3.2745, 2.4290,
0.6607

196.3825,
189.6882, 158.5533

 1.3005, 0.8408,
0.0000

239.0183,

 0.1836, 0.0000,

232.1421, 197.5517

0.0000

287.4175,
280.5000, 242.4716

■ 0.0000, 0.0000,
0.0000

■ 41.1369, 37.4249,
25.4776

■ 41.1369, 37.4249,
25.4776

■ 37.6861, 32.4943,
18.2512

■ 45.1603, 43.0515,
34.2802

■ 34.7774, 28.2264,
12.5044

■ 49.7793, 49.3949,
44.7432

■ 32.3814, 24.5933,
8.1331

■ 55.0187, 56.4816,
56.9476

■ 30.4645, 21.5625,
5.0189

■ 60.9015, 64.3351,
70.9683

■ 28.9885, 19.0984,
3.0227

■ 67.4489, 72.9780,
86.8759

■ 27.9003, 17.1578,
1.9332

■ 74.6817, 82.4318,
104.7372

■ 27.7575, 16.9001,
1.7991

■ 79.4777, 91.4606,
108.0725

■ 79.8224, 92.1499,
108.1874

Harmonies

Analogous

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



43.8186, 37.4249, 33.4763



41.1369, 37.4249, 25.4776



37.0880, 37.4249, 21.8525

Triad

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



41.1369, 37.4249, 25.4776



28.1509, 37.4249, 36.6142



38.3482, 37.4249, 66.9436

Complementary

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



41.1369, 37.4249, 25.4776



37.4269, 43.4224, 66.0831

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.



34.0964, 37.4249, 68.2469



41.1369, 37.4249, 25.4776



28.4297, 37.4249, 49.0062

Square

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



41.1369, 37.4249, 25.4776



29.7374, 37.4249, 27.3811



30.5317, 37.4249, 61.1552



42.1222, 37.4249, 57.8845

Rectangle

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



41.1369, 37.4249, 25.4776



34.2551, 37.4249, 21.7982



30.5317, 37.4249, 61.1552



36.9207, 37.4249, 68.3630

Sweetspot

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



41.1379, 37.4267, 25.4783



84.0528, 85.2714, 82.8347



42.3834, 32.3092, 49.3499



17.7539, 17.9315, 17.1775



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.



41.1379, 37.4267, 25.4783



60.7296, 52.9340, 30.9475



48.7584, 52.6677, 28.0185



12.0938, 12.3783, 12.3639



17.3745, 10.6820, 1.1461



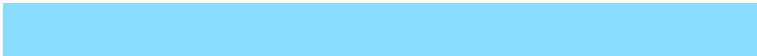
1.0409, 0.7362, 0.0872

Inverse Universe

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



37.4269, 43.4224, 66.0831



54.0232, 63.6807, 104.0520



30.2608, 29.0901, 63.6944



11.8464, 12.7831, 15.0867



13.5508, 15.7481, 39.5180



0.8254, 1.0159, 2.2322

Previews

White Background



This preview shows how the XYZ color 41.1369, 37.4249, 25.4776 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 41.1369, 37.4249, 25.4776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

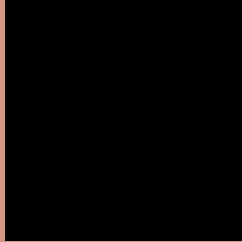
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1369, 37.4249, 25.4776

Background



This preview shows how black text looks on a background with the XYZ color 41.1369, 37.4249, 25.4776.



This preview shows how white text looks on a background with the XYZ color 41.1369, 37.4249,

25.4776.

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

41.1369, 37.4249, 25.4776

Protanopia

35.4374, 37.7455, 27.9721

Deuteranopia

38.3058, 37.4554, 25.2893



Tritanopia

43.7119, 37.5319, 37.7414

Trichromacy



Original Color

41.1369, 37.4249, 25.4776

Protanomaly

37.2292, 37.3724, 27.0812

Deuteranomaly

39.2724, 37.4514, 25.2376

Tritanomaly

42.6711, 37.3346, 32.9743

Monochromacy



Original Color

41.1369, 37.4249, 25.4776

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.4684, 37.5805, 34.9847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1369, 37.4249, 25.4776 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(208, 152, 128)` looks like.

```
.text, #text, p{  
    color:rgb(208, 152, 128)  
}
```

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(208, 152, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 152, 128) }
```

Border

The CSS property to change the border of an element to XYZ 41.1369, 37.4249, 25.4776 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(208, 152, 128) }
```


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

```
.border{ border-color:rgb(208, 152, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 152, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 152, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 152, 128); box-shadow:4px 4px 4px 4px rgb(208, 152, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1369, 37.4249, 25.4776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 152, 128) }
```

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

```
.background{ background-color: rgb(208,  
152, 128) }
```

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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