

Converting Colors

XYZ(36.0257, 43.2964, 25.1972)

Have a look what the booklet for
XYZ(36.0257, 43.2964, 25.1972)
contains.

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Color

**XYZ(36.0257, 43.2964,
25.1972)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B77B
RGB	165, 183, 123
RGB Percent	65%, 72%, 48%
CMY	0.3529, 0.2823, 0.5176
CMYK	0.10, 0.00, 0.33, 0.28
HSL	78°, 29%, 60%
HSV	78°, 33%, 72%
XYZ	36.0257, 43.2964, 25.1972
YIQ	170.7780, 8.5320, -22.4760

Conversions

Conversions Part 2

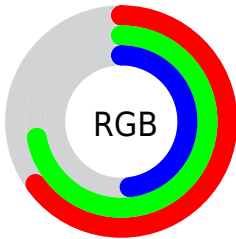
Format	Color
RYB	123, 183, 141
Decimal	10860411
CIELab	71.76, -16.41, 28.51
CIELCh	72, 32.897, 119.918
Yxy	43.2964, 0.3447, 0.4142
Android (android.graphics.Color)	4289050491 (0xFFA5B77B)
YUV	170.7780, -23.5546, -5.0673
Hunter-Lab	65.8000, -17.4207, 23.3557

Details

The XYZ color **36.0257, 43.2964, 25.1972** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.6165, 23.2488, 47.8868**, and the grayscale version is **38.7097, 40.7256, 44.3502**.

A 20% lighter version of the original color is **68.5218, 80.2397, 52.9506**, and **15.8673, 19.8910, 9.3064** is the 20% darker color. If you saturate the color by 10%, you get **33.8681, 42.3057, 19.6651**, and if you desaturate by 10%, it is **38.4487, 44.4019, 31.8614**.

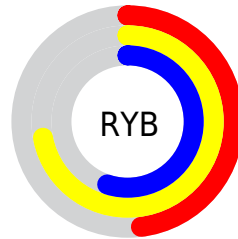
Distribution



Red (65%)

Green (72%)

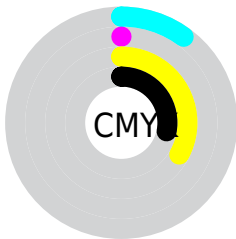
Blue (48%)



Red (48%)

Yellow (72%)

Blue (55%)

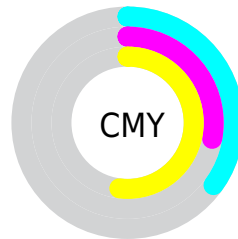


Cyan (10%)

Magenta (0%)

Yellow (33%)

Black (28%)



Cyan (35%)

Magenta (28%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0257, 43.2964, 25.1972 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 36.0257, 43.2964, 25.1972 by changing the saturation by 10% instead.

■ 36.0257, 43.2964,
25.1972

■ 36.0257, 43.2964,
25.1972

320.5021,
359.8293, 292.2976

■ 24.6242, 30.1177,
16.0037

■ 68.3953, 80.1579,
52.9450

■ 15.9246, 19.9280,
9.3724

■ 90.0942, 104.6096,
72.3364

■ 9.5613, 12.3427,
4.8847

■ 115.9563,
133.5878, 95.9642

■ 5.1691, 6.9775,
2.1222

146.3470,
167.4768, 124.2469

■ 2.3826, 3.4480,
0.6290

181.6315,
206.6610, 157.6031

■ 0.8364, 1.3699,
0.0000

222.1753,

■ 0.0000, 0.1944,

251.5250, 196.4512

0.0000

268.3437,
302.4529, 241.2099

■ 0.0000, 0.0000,
0.0000

■ 36.0257, 43.2964,
25.1972

■ 36.0257, 43.2964,
25.1972

■ 33.8681, 42.3057,
19.6651

■ 38.4487, 44.4019,
31.8614

■ 31.9602, 41.4190,
15.1992

■ 41.1455, 45.6211,
39.7130

■ 30.2891, 40.6326,
11.7314

■ 44.1280, 46.9605,
48.8071

■ 28.8397, 39.9402,
9.1843

■ 47.4064, 48.4240,
59.1944

■ 27.5944, 39.3349,
7.4691

■ 50.9905, 50.0158,
70.9230

■ 26.5324, 38.8082,
6.4799

■ 54.8894, 51.7395,
84.0383

■ 25.8504, 38.4652,
6.0621

■ 59.1119, 53.5987,
98.5837

■ 61.2591, 54.6339,
101.9244

■ 62.8391, 55.4484,
101.9984

Harmonies

Analogous

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



41.1674, 43.2964, 22.5937



36.0257, 43.2964, 25.1972



32.5427, 43.2964, 33.3479

Triad

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



36.0257, 43.2964, 25.1972



36.0013, 43.2964, 79.0707



52.8499, 43.2964, 47.1866

Complementary

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



36.0257, 43.2964, 25.1972



26.6165, 23.2488, 47.8868

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.



51.1595, 43.2964, 64.2965



36.0257, 43.2964, 25.1972



41.1365, 43.2964, 85.0630

Square

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



36.0257, 43.2964, 25.1972



32.5296, 43.2964, 64.2025



46.7427, 43.2964, 79.1331



51.1773, 43.2964, 33.4087

Rectangle

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



36.0257, 43.2964, 25.1972



31.4600, 43.2964, 41.9615



46.7427, 43.2964, 79.1331



52.6542, 43.2964, 52.7331

Sweetspot

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



36.0268, 43.2983, 25.1981



75.0373, 82.3101, 75.1732



32.6301, 30.5485, 22.9162



16.4131, 18.1076, 16.1211



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.0268, 43.2983, 25.1981



61.8197, 76.3026, 38.1211



30.5018, 40.4501, 24.9396



9.4807, 10.3645, 9.6078



18.1045, 26.8695, 4.2321



0.6975, 0.9778, 0.1520

Inverse Universe

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



26.6165, 23.2488, 47.8868



42.4859, 35.0882, 84.7692



32.4264, 26.2439, 48.1587



8.7677, 8.8466, 11.3249



7.1200, 2.9817, 31.4533



0.3156, 0.1384, 1.1118

Previews

White Background



This preview shows how the XYZ color 36.0257, 43.2964, 25.1972 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 36.0257, 43.2964, 25.1972 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 36.0257, 43.2964, 25.1972

Background



This preview shows how black text looks on a background with the XYZ color 36.0257, 43.2964, 25.1972.



This preview shows how white text looks on a background with the XYZ color 36.0257, 43.2964,

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

36.0257, 43.2964, 25.1972

Protanopia

39.9553, 42.9632, 23.9561

Deuteranopia

43.7810, 42.9215, 25.7158



Tritanopia

41.9708, 43.3327, 54.2961

Trichromacy



Original Color

36.0257, 43.2964, 25.1972

Protanomaly

38.4276, 43.0450, 24.3723

Deuteranomaly

40.3835, 42.5743, 25.4913

Tritanomaly

39.5065, 43.2153, 41.8565

Monochromacy



Original Color

36.0257, 43.2964, 25.1972

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

37.5249, 41.4281, 36.5905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0257, 43.2964, 25.1972 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(165, 183, 123)` looks like.

```
.text, #text, p{  
    color:rgb(165, 183, 123)  
}
```

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(165, 183, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 183, 123) }
```

Border

The CSS property to change the border of an element to XYZ 36.0257, 43.2964, 25.1972 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(165, 183, 123) }
```


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

```
.border{ border-color:rgb(165, 183, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 183, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 183, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 183, 123);  
box-shadow:4px 4px 4px 4px rgb(165, 183,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0257, 43.2964, 25.1972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 183, 123) }
```

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

```
.background{ background-color: rgb(165,  
183, 123) }
```

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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