

Converting Colors

XYZ(37.5996, 43.7954, 25.5404)

Have a look what the booklet for
XYZ(37.5996, 43.7954, 25.5404)
contains.

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Color

**XYZ(37.5996, 43.7954,
25.5404)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB67C
RGB	173, 182, 124
RGB Percent	68%, 71%, 49%
CMY	0.3216, 0.2863, 0.5137
CMYK	0.05, 0.00, 0.32, 0.29
HSL	69°, 28%, 60%
HSV	69°, 32%, 71%
XYZ	37.5996, 43.7954, 25.5404
YIQ	172.6970, 13.2540, -19.9460

Conversions

Conversions Part 2

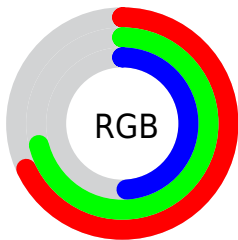
Format	Color
RYB	124, 182, 133
Decimal	11384444
CIELab	72.09, -12.66, 28.54
CIElCh	72, 31.220, 113.925
Yxy	43.7954, 0.3516, 0.4096
Android (android.graphics.Color)	4289574524 (0xFFADB67C)
YUV	172.6970, -24.0076, 0.2657
Hunter-Lab	66.1781, -14.3955, 23.4426

Details

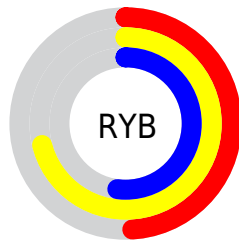
The XYZ color **37.5996, 43.7954, 25.5404** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.3257, 22.7804, 47.3208**, and the grayscale version is **39.6807, 41.7472, 45.4627**.

A 20% lighter version of the original color is **70.8234, 80.9814, 53.4932**, and **16.8320, 20.1880, 9.4881** is the 20% darker color. If you saturate the color by 10%, you get **35.9354, 43.0598, 19.9989**, and if you desaturate by 10%, it is **39.4917, 44.6267, 32.2032**.

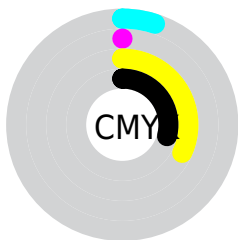
Distribution



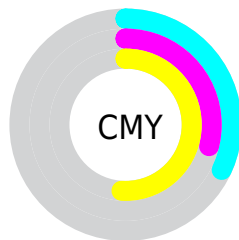
- Red (68%)
- Green (71%)
- Blue (49%)



- Red (49%)
- Yellow (71%)
- Blue (52%)



- Cyan (5%)
- Magenta (0%)
- Yellow (32%)
- Black (29%)



- Cyan (32%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5996, 43.7954, 25.5404 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 37.5996, 43.7954, 25.5404 by changing the saturation by 10% instead.

■ 37.5996, 43.7954,
25.5404

■ 37.5996, 43.7954,
25.5404

327.2099,
361.8727, 294.0519

■ 25.8479, 30.5097,
16.2575

■ 70.8019, 80.9098,
53.5075

■ 16.8420, 20.2258,
9.5502

■ 92.9831, 105.5072,
73.0288

■ 10.2165, 12.5593,
5.0001

■ 119.3716,
134.6441, 96.7998

■ 5.6061, 7.1258,
2.1886

150.3327,
168.7047, 125.2393

■ 2.6454, 3.5409,
0.6678

186.2317,
208.0735, 158.7657

■ 0.9692, 1.4202,
0.0000

227.4340,

■ 0.0000, 0.2315,

253.1348, 197.7976

0.0000

274.3049,
304.2731, 242.7535

■ 0.0000, 0.0000,
0.0000

■ 37.5996, 43.7954,
25.5404

■ 37.5996, 43.7954,
25.5404

■ 35.9354, 43.0598,
19.9989

■ 39.4917, 44.6267,
32.2032

■ 34.4841, 42.4094,
15.5144

■ 41.6192, 45.5522,
40.0416

■ 33.2337, 41.8408,
12.0201


■ 43.9935, 46.5779,
49.1094


■ 32.1699, 41.3484,
9.4406

■ 46.6241, 47.7078,
59.4566


■ 31.2762, 40.9255,
7.6898


■ 49.5200, 48.9453,
71.1301


 30.5331, 40.5643,
6.6649

 52.6897, 50.2939,
84.1748

 30.0077, 40.3033,
6.1977

 56.1414, 51.7568,
98.6330

 57.4411, 52.3606,
101.6869

 58.1811, 52.7421,
101.7215

Harmonies

Analogous

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



42.7224, 43.7954, 24.0145



37.5996, 43.7954, 25.5404



33.8667, 43.7954, 32.3813

Triad

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



37.5996, 43.7954, 25.5404



35.8681, 43.7954, 75.6203



52.6938, 43.7954, 50.8662

Complementary

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



37.5996, 43.7954, 25.5404



25.3257, 22.7804, 47.3208

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.



50.4888, 43.7954, 67.1820



37.5996, 43.7954, 25.5404



40.5489, 43.7954, 83.3107

Square

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



37.5996, 43.7954, 25.5404



32.9284, 43.7954, 60.6326



45.9305, 43.7954, 79.9321



51.7348, 43.7954, 36.7271

Rectangle

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



37.5996, 43.7954, 25.5404



32.5189, 43.7954, 39.9978



45.9305, 43.7954, 79.9321



52.2925, 43.7954, 56.3006

Sweetspot

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



37.6007, 43.7974, 25.5413



76.1506, 82.8841, 75.2253



31.2775, 28.0946, 22.8437



16.6917, 18.2513, 16.1342



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.



37.6007, 43.7974, 25.5413



66.0774, 78.4763, 39.2821



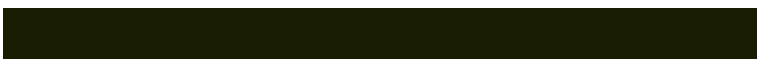
31.9217, 40.8697, 25.2756



9.6095, 10.4309, 9.6138



21.2355, 28.4836, 4.3787



0.7859, 1.0234, 0.1561

Inverse Universe

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



25.3257, 22.7804, 47.3208



40.4495, 34.5804, 84.7785



30.4920, 25.4437, 47.5626



8.6475, 8.7846, 11.3193



6.3429, 2.5811, 31.4170



0.2647, 0.1122, 1.1094

Previews

White Background



This preview shows how the XYZ color 37.5996, 43.7954, 25.5404 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 37.5996, 43.7954, 25.5404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

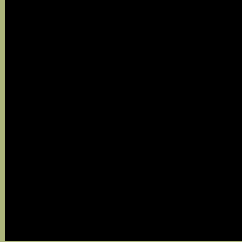
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5996, 43.7954, 25.5404

Background



This preview shows how black text looks on a background with the XYZ color 37.5996, 43.7954, 25.5404.



This preview shows how white text looks on a background with the XYZ color 37.5996, 43.7954,

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

37.5996, 43.7954, 25.5404

Protanopia

40.5240, 43.5322, 24.6791

Deuteranopia

44.5971, 43.6099, 26.1457



Tritanopia

43.2692, 43.7267, 53.7365

Trichromacy



Original Color

37.5996, 43.7954, 25.5404

Protanomaly

39.2627, 43.4612, 25.0584

Deuteranomaly

41.9279, 43.6488, 25.9539

Tritanomaly

40.8738, 43.6259, 41.8637

Monochromacy



Original Color

37.5996, 43.7954, 25.5404

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

38.6753, 42.3015, 37.1369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5996, 43.7954, 25.5404 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(173, 182, 124)` looks like.

```
.text, #text, p{  
    color:rgb(173, 182, 124)  
}
```

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(173, 182, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 182, 124) }
```

Border

The CSS property to change the border of an element to XYZ 37.5996, 43.7954, 25.5404 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(173, 182, 124) }
```


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

```
.border{ border-color:rgb(173, 182, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 182, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 182, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 182, 124);  
box-shadow:4px 4px 4px 4px rgb(173, 182,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5996, 43.7954, 25.5404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 182, 124) }
```

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

```
.background{ background-color: rgb(173,  
182, 124) }
```

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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