

Converting Colors

XYZ(37.7538, 42.0896, 25.2030)

Have a look what the booklet for
XYZ(37.7538, 42.0896, 25.2030)
contains.

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Color

**XYZ(37.7538, 42.0896,
25.2030)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B07C
RGB	179, 176, 124
RGB Percent	70%, 69%, 49%
CMY	0.2980, 0.3098, 0.5137
CMYK	0.00, 0.02, 0.31, 0.30
HSL	57°, 27%, 59%
HSV	57°, 31%, 70%
XYZ	37.7538, 42.0896, 25.2030
YIQ	170.9690, 18.4800, -15.5360

Conversions

Conversions Part 2

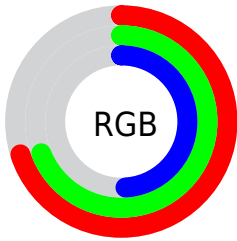
Format	Color
RYB	127, 179, 124
Decimal	11776124
CIELab	70.93, -7.16, 27.09
CIELCh	71, 28.017, 104.816
Yxy	42.0896, 0.3594, 0.4007
Android (android.graphics.Color)	4289966204 (0xFFB3B07C)
YUV	170.9690, -23.1557, 7.0432
Hunter-Lab	64.8765, -9.6588, 22.3808

Details

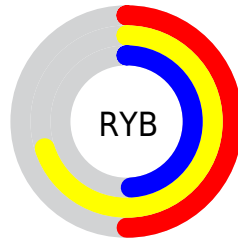
The XYZ color **37.7538, 42.0896, 25.2030** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.0381, 22.7178, 45.7659**, and the grayscale version is **38.8001, 40.8207, 44.4538**.

A 20% lighter version of the original color is **71.0534, 78.5497, 53.0117**, and **16.9011, 19.2697, 9.3072** is the 20% darker color. If you saturate the color by 10%, you get **36.5330, 41.2980, 19.7092**, and if you desaturate by 10%, it is **39.1836, 42.9700, 31.7813**.

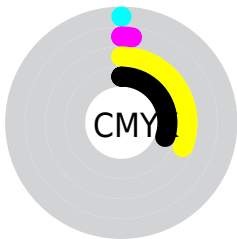
Distribution



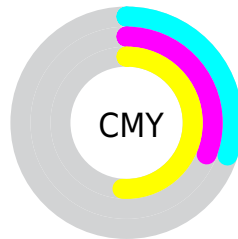
- Red (70%)
- Green (69%)
- Blue (49%)



- Red (50%)
- Yellow (70%)
- Blue (49%)



- Cyan (0%)
- Magenta (2%)
- Yellow (31%)
- Black (30%)



- Cyan (30%)
- Magenta (31%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7538, 42.0896, 25.2030 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 37.7538, 42.0896, 25.2030 by changing the saturation by 10% instead.

■ 37.7538, 42.0896,
25.2030

■ 37.7538, 42.0896,
25.2030

327.8618,
354.8542, 292.3274

■ 25.9680, 29.1715,
16.0080

■ 71.0370, 78.3352,
52.9546

■ 16.9323, 19.2106,
9.3754

■ 93.2650, 102.4315,
72.3482

■ 10.2812, 11.8225,
4.8867

■ 119.7046,
131.0226, 95.9784

■ 5.6495, 6.6229,
2.1234

150.7209,
164.4929, 124.2637

■ 2.6718, 3.2274,
0.6296

186.6795,
203.2268, 157.6227

■ 0.9827, 1.2516,
0.0000

227.9456,

■ 0.0000, 0.1033,

247.6087, 196.4740

0.0000

274.8846,
298.0231, 241.2360

■ 0.0000, 0.0000,
0.0000

■ 37.7538, 42.0896,
25.2030

■ 37.7538, 42.0896,
25.2030

■ 36.5330, 41.2980,
19.7092

■ 39.1836, 42.9700,
31.7813

■ 35.5069, 40.5850,
15.2386

■ 40.8296, 43.9375,
39.4956

■ 34.6644, 39.9476,
11.7280

■ 42.7023, 44.9980,
48.3974

■ 33.9919, 39.3804,
9.1060

■ 44.8109, 46.1550,
58.5341

■ 33.4740, 38.8772,
7.2914

■ 47.1638, 47.4119,
69.9507

■ 33.0924, 38.4307,
6.1878

■ 49.7691, 48.7721,
82.6899

■ 32.8252, 38.0532,
5.6149

■ 52.6346, 50.2385,
96.7923

■ 53.7402, 51.0032,
101.6199

■ 53.9431, 51.4091,
101.6876

Harmonies

Analogous

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



42.4015, 42.0896, 25.2316



37.7538, 42.0896, 25.2030



34.0076, 42.0896, 29.9087

Triad

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



37.7538, 42.0896, 25.2030



33.9711, 42.0896, 66.4334



49.3050, 42.0896, 52.8942

Complementary

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



37.7538, 42.0896, 25.2030



24.0381, 22.7178, 45.7659

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.



46.6688, 42.0896, 66.5826



37.7538, 42.0896, 25.2030



37.7004, 42.0896, 75.3736

Square

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



37.7538, 42.0896, 25.2030



31.9418, 42.0896, 52.7194



42.3438, 42.0896, 75.4330



49.3221, 42.0896, 39.5657

Rectangle

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



37.7538, 42.0896, 25.2030



32.4215, 42.0896, 35.7397



42.3438, 42.0896, 75.4330



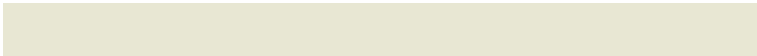
48.6872, 42.0896, 57.6567

Sweetspot

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



37.7549, 42.0915, 25.2039



73.6250, 78.9785, 73.1008



29.6727, 25.5492, 23.6753



16.2099, 17.4392, 15.7144



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



37.7549, 42.0915, 25.2039



66.0696, 74.3884, 38.1485



33.3080, 40.6806, 25.1659



9.1566, 9.8258, 9.0665



23.2115, 26.9215, 3.9730



0.7423, 0.8709, 0.1290

Inverse Universe

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



24.0381, 22.7178, 45.7659



37.5060, 34.0482, 80.9764



27.5273, 23.9508, 45.8200



8.0779, 8.3020, 10.6830



5.8402, 2.4808, 30.3080



0.1960, 0.1025, 0.9577

Previews

White Background



This preview shows how the XYZ color 37.7538, 42.0896, 25.2030 looks on a white background.

Color Contrast Check

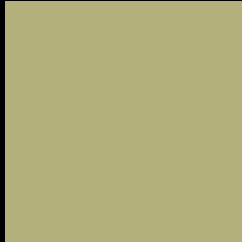
Large Text (above 18pt) WCAG AA × Fail

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 37.7538, 42.0896, 25.2030 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

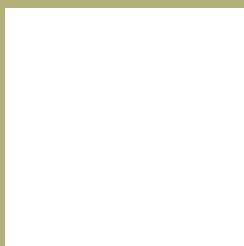
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.7538, 42.0896, 25.2030

Background



This preview shows how black text looks on a background with the XYZ color 37.7538, 42.0896, 25.2030.



This preview shows how white text looks on a background with the XYZ color 37.7538, 42.0896,

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

37.7538, 42.0896, 25.2030

Protanopia

39.0122, 41.8820, 24.7668

Deuteranopia

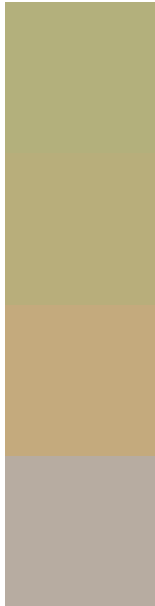
42.8557, 41.9006, 25.5675



Tritanopia

42.8812, 42.1924, 50.1398

Trichromacy



Original Color

37.7538, 42.0896, 25.2030

Protanomaly

38.4784, 41.8925, 24.7969

Deuteranomaly

40.8413, 41.9659, 25.3497

Tritanomaly

40.7140, 42.1455, 39.7073

Monochromacy



Original Color

37.7538, 42.0896, 25.2030

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.2319, 41.2189, 36.5129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7538, 42.0896, 25.2030 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(179, 176, 124)` looks like.

```
.text, #text, p{  
    color:rgb(179, 176, 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(179, 176, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 176, 124) }
```

Border

The CSS property to change the border of an element to XYZ 37.7538, 42.0896, 25.2030 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(179, 176, 124) }
```


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

```
.border{ border-color:rgb(179, 176, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 176, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 176, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 176, 124);  
box-shadow:4px 4px 4px 4px rgb(179, 176,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7538, 42.0896, 25.2030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 176, 124) }
```

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

```
.background{ background-color: rgb(179,  
176, 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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