

Converting Colors

XYZ(32.8975, 41.0839, 24.6088)

Have a look what the booklet for
XYZ(32.8975, 41.0839, 24.6088)
contains.

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Color

**XYZ(32.9856, 41.1283,
24.6124)**

Conversions

Conversions Part 1

Format	Color
Hex	98B57A
RGB	152, 181, 122
RGB Percent	60%, 71%, 48%
CMY	0.4039, 0.2902, 0.5216
CMYK	0.16, 0.00, 0.33, 0.29
HSL	89°, 29%, 59%
HSV	89°, 33%, 71%
XYZ	32.9856, 41.1283, 24.6124
YIQ	165.6030, 1.6550, -24.4970

Conversions

Conversions Part 2

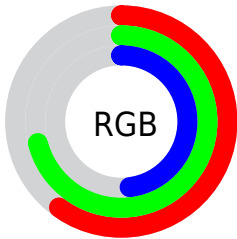
Format	Color
RYB	122, 181, 151
Decimal	10007930
CIELab	70.27, -20.46, 26.90
CIElCh	70, 33.801, 127.260
Yxy	41.1283, 0.3341, 0.4166
Android (android.graphics.Color)	4288198010 (0xFF98B57A)
YUV	165.6030, -21.4963, -11.9298
Hunter-Lab	64.1313, -20.4194, 22.1376

Details

The XYZ color **32.9856, 41.1283, 24.6124** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **28.0643, 23.8358, 46.8400**, and the grayscale version is **36.1546, 38.0375, 41.4228**.

A 20% lighter version of the original color is **63.7542, 76.9289, 52.0460**, and **14.1773, 18.6287, 9.1518** is the 20% darker color. If you saturate the color by 10%, you get **30.3639, 39.8958, 19.1708**, and if you desaturate by 10%, it is **35.9433, 42.5124, 31.1618**.

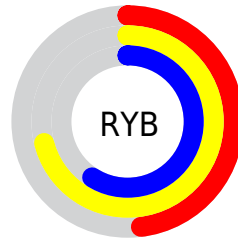
Distribution



Red (60%)

Green (71%)

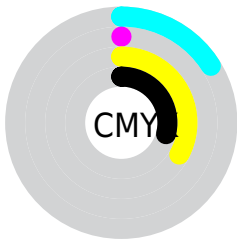
Blue (48%)



Red (48%)

Yellow (71%)

Blue (59%)

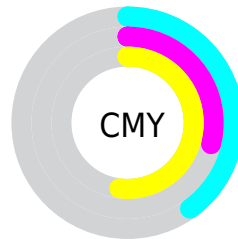


Cyan (16%)

Magenta (0%)

Yellow (33%)

Black (29%)



Cyan (40%)


Magenta (29%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9856, 41.1283, 24.6124 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 32.9856, 41.1283, 24.6124 by changing the saturation by 10% instead.


 32.9856, 41.1283,
24.6124


 32.9856, 41.1283,
24.6124


307.2510,
350.8566, 289.2878

 22.2746, 28.4193,
15.5721


 63.7079, 76.8786,
51.9840

 14.1765, 18.6420,
9.0708


 84.4499, 100.6888,
71.1524

 8.3261, 11.4119,
4.6900


 109.2662,
128.9681, 94.5340

 4.3579, 6.3446,
2.0110

138.5223,
162.1011, 122.5473

 1.9065, 3.0557,
0.5620

172.5834,
200.4720, 155.6107

 0.5806, 1.1609,
0.0000

211.8150,

 0.0000, 0.0294,

244.4653, 194.1429

0.0000

256.5824,
294.4653, 238.5624

■ 0.0000, 0.0000,
0.0000

■ 32.9856, 41.1283,
24.6124

■ 32.9856, 41.1283,
24.6124

■ 30.3639, 39.8958,
19.1708

■ 35.9433, 42.5124,
31.1618

■ 28.0606, 38.8033,
14.7730

■ 39.2472, 44.0484,
38.8730

■ 26.0614, 37.8463,
11.3525


■ 42.9109, 45.7433,
47.7994


■ 24.3489, 37.0175,
8.8343


■ 46.9462, 47.6022,
57.9907


■ 22.9038, 36.3087,
7.1322


■ 51.3644, 49.6298,
69.4936


 21.7035, 35.7105,
6.1433

 56.1763, 51.8308,
82.3523

 20.9411, 35.3262,
5.7149

 61.3922, 54.2096,
96.6092

 65.0622, 55.9864,
101.9850

 67.8793, 57.4386,
102.1169

Harmonies

Analogous

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



37.7594, 41.1283, 20.8100



32.9856, 41.1283, 24.6124



30.0605, 41.1283, 33.9865

Triad

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



32.9856, 41.1283, 24.6124



35.1135, 41.1283, 79.2537



50.6486, 41.1283, 41.0330

Complementary

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



32.9856, 41.1283, 24.6124



28.0643, 23.8358, 46.8400

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.



49.7705, 41.1283, 57.6504



32.9856, 41.1283, 24.6124



40.4540, 41.1283, 82.4087

Square

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



32.9856, 41.1283, 24.6124



31.2056, 41.1283, 65.9264



45.9073, 41.1283, 73.7413



48.2046, 41.1283, 28.7237

Rectangle

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



32.9856, 41.1283, 24.6124



29.3804, 41.1283, 43.3382



45.9073, 41.1283, 73.7413



50.7357, 41.1283, 46.2569

Sweetspot

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



32.9866, 41.1301, 24.6133



71.8216, 79.5968, 73.2984



33.5595, 33.2084, 23.0541



15.3336, 17.1158, 15.3865



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.



32.9866, 41.1301, 24.6133



55.7013, 72.0730, 37.0044



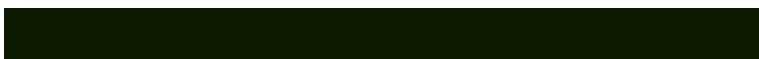
28.2040, 38.6645, 24.3895



8.7871, 9.6953, 9.0608



14.5159, 24.3933, 3.9433



0.5239, 0.8021, 0.1272

Inverse Universe

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



28.0643, 23.8358, 46.8400



45.5353, 36.3536, 82.9116



34.1280, 26.9617, 47.1238



8.4265, 8.4284, 10.6890



8.6679, 3.8043, 30.4144



0.3401, 0.1544, 0.9601

Previews

White Background



This preview shows how the XYZ color 32.9856, 41.1283, 24.6124 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 32.9856, 41.1283, 24.6124 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 32.9856, 41.1283, 24.6124

Background



This preview shows how black text looks on a background with the XYZ color 32.9856, 41.1283, 24.6124.



This preview shows how white text looks on a background with the XYZ color 32.9856, 41.1283,

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

32.9856, 41.1283, 24.6124

Protanopia

37.8405, 40.7481, 23.0103

Deuteranopia

41.6700, 40.7538, 25.4087



Tritanopia

38.6112, 41.0521, 52.9025

Trichromacy



Original Color

32.9856, 41.1283, 24.6124

Protanomaly

35.8933, 40.8761, 23.4509

Deuteranomaly

37.8436, 40.4205, 25.2094

Tritanomaly

36.2367, 40.9641, 40.6473

Monochromacy



Original Color

32.9856, 41.1283, 24.6124

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

34.7659, 38.9049, 34.5312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9856, 41.1283, 24.6124 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(152, 181, 122)` looks like.

```
.text, #text, p{  
    color:rgb(152, 181, 122)  
}
```

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(152, 181, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 181, 122) }
```

Border

The CSS property to change the border of an element to XYZ 32.9856, 41.1283, 24.6124 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(152, 181, 122) }
```


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

```
.border{ border-color:rgb(152, 181, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 181, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 181, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 181, 122);  
box-shadow:4px 4px 4px 4px rgb(152, 181,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9856, 41.1283, 24.6124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 181, 122) }
```

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

```
.background{ background-color: rgb(152,  
181, 122) }
```

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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