

Converting Colors

XYZ(32.6631, 40.1766, 28.0854)

Have a look what the booklet for
XYZ(32.6631, 40.1766, 28.0854)
contains.

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Color

**XYZ(32.7482, 40.3232,
28.2474)**

Conversions

Conversions Part 1

Format	Color
Hex	95B385
RGB	149, 179, 133
RGB Percent	58%, 70%, 52%
CMY	0.4157, 0.2980, 0.4784
CMYK	0.17, 0.00, 0.26, 0.30
HSL	99°, 23%, 61%
HSV	99°, 26%, 70%
XYZ	32.7482, 40.3232, 28.2474
YIQ	164.7860, -3.1140, -20.6660

Conversions

Conversions Part 2

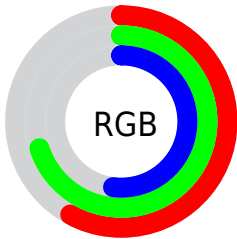
Format	Color
RYB	133, 179, 163
Decimal	9810821
CIELab	69.70, -18.87, 20.20
CIELCh	70, 27.641, 133.045
Yxy	40.3232, 0.3232, 0.3980
Android (android.graphics.Color)	4288000901 (0xFF95B385)
YUV	164.7860, -15.6705, -13.8443
Hunter-Lab	63.5006, -19.0708, 18.0760

Details

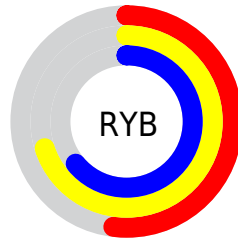
The XYZ color **32.7482, 40.3232, 28.2474** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.6300, 27.8173, 46.3521**, and the grayscale version is **35.7363, 37.5974, 40.9435**.

A 20% lighter version of the original color is **63.4731, 75.7992, 57.7397**, and **14.0592, 18.1429, 10.9445** is the 20% darker color. If you saturate the color by 10%, you get **29.5913, 38.8279, 22.1851**, and if you desaturate by 10%, it is **36.3315, 42.0164, 35.4315**.

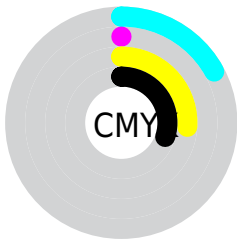
Distribution



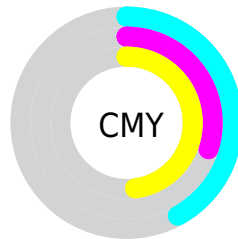
- Red (58%)
- Green (70%)
- Blue (52%)



- Red (52%)
- Yellow (70%)
- Blue (64%)



- Cyan (17%)
- Magenta (0%)
- Yellow (26%)
- Black (30%)



- Cyan (42%)
- Magenta (30%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7482, 40.3232, 28.2474 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 32.7482, 40.3232, 28.2474 by changing the saturation by 10% instead.

■ 32.7482, 40.3232,
28.2474

■ 32.7482, 40.3232,
28.2474

306.1987,
347.4839, 307.5963

■ 22.0919, 27.7906,
18.2716

■ 63.3395, 75.6554,
57.9070

■ 14.0414, 18.1679,
10.9737

■ 84.0053, 99.2239,
78.4279

■ 8.2314, 11.0706,
5.9352

■ 108.7383,
127.2397, 103.3009

■ 4.2964, 6.1143,
2.7376

137.9038,
160.0874, 132.9445

■ 1.8712, 2.9147,
0.9622

171.8672,
198.1512, 167.7773

■ 0.5600, 1.0874,
0.0000

210.9940,

■ 0.0000, 0.0000,

241.8157, 208.2179

0.0000

255.6493,
291.4651, 254.6847

■ 32.7482, 40.3232,
28.2474

■ 32.7482, 40.3232,
28.2474

■ 29.5913, 38.8279,
22.1851

■ 36.3315, 42.0164,
35.4315

■ 26.8408, 37.5178,
17.1854

■ 40.3540, 43.9093,
43.7873

■ 24.4796, 36.3865,
13.1877

■ 44.8319, 46.0104,
53.3650

■ 22.4878, 35.4255,
10.1241

■ 49.7794, 48.3260,
64.2109

■ 20.8439, 34.6252,
7.9186

■ 55.2102, 50.8622,
76.3691

■ 19.5234, 33.9748,
6.4828

■ 61.1374, 53.6248,
89.8813

■ 18.4969, 33.4618,
5.7050

■ 67.0368, 56.4048,
101.9617

■ 18.1237, 33.2742,
5.4674

■ 70.9258, 58.4096,
102.1437

■ 75.0708, 60.5464,
102.3377

Harmonies

Analogous

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



36.4166, 40.3232, 24.0097



32.7482, 40.3232, 28.2474



30.6713, 40.3232, 37.1045

Triad

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



32.7482, 40.3232, 28.2474



35.8714, 40.3232, 71.9433



47.3334, 40.3232, 38.5748

Complementary

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



32.7482, 40.3232, 28.2474



31.6300, 27.8173, 46.3521

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.



47.1588, 40.3232, 51.4897



32.7482, 40.3232, 28.2474



40.3010, 40.3232, 72.5497

Square

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



32.7482, 40.3232, 28.2474



32.3759, 40.3232, 62.9629



44.5037, 40.3232, 64.4866



44.9638, 40.3232, 29.1425

Rectangle

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



32.7482, 40.3232, 28.2474



30.3605, 40.3232, 45.2272



44.5037, 40.3232, 64.4866



47.5754, 40.3232, 42.6091

Sweetspot

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



32.7493, 40.3249, 28.2483



70.4405, 77.7769, 74.5745



35.9051, 37.4377, 27.5246



15.3624, 17.1169, 16.0129



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.



32.7493, 40.3249, 28.2483



55.2657, 70.6143, 44.0274



30.5204, 39.1190, 30.7152



8.6585, 9.6290, 9.0548



12.8707, 23.5451, 3.8663



0.4694, 0.7741, 0.1247

Inverse Universe

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



31.6300, 27.8173, 46.3521



52.9041, 44.2802, 82.1398



34.4354, 29.3422, 42.9306



8.5574, 8.4959, 10.6952



10.9818, 4.9971, 30.5227



0.4055, 0.1882, 0.9632

Previews

White Background



This preview shows how the XYZ color 32.7482, 40.3232, 28.2474 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 32.7482, 40.3232, 28.2474 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 32.7482, 40.3232, 28.2474

Background



This preview shows how black text looks on a background with the XYZ color 32.7482, 40.3232, 28.2474.



This preview shows how white text looks on a background with the XYZ color 32.7482, 40.3232,

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

32.7482, 40.3232, 28.2474

Protanopia

37.6286, 40.2795, 26.5604

Deuteranopia

40.8298, 39.9777, 28.8571



Tritanopia

37.5201, 40.2183, 52.2398

Trichromacy



Original Color

32.7482, 40.3232, 28.2474

Protanomaly

35.5504, 40.0449, 26.9748

Deuteranomaly

37.3835, 39.8285, 28.6390

Tritanomaly

35.6314, 40.3200, 42.4638

Monochromacy



Original Color

32.7482, 40.3232, 28.2474

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.4226, 38.4203, 35.7386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7482, 40.3232, 28.2474 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(149, 179, 133)` looks like.

```
.text, #text, p{  
    color:rgb(149, 179, 133)  
}
```

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(149, 179, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 179, 133) }
```

Border

The CSS property to change the border of an element to XYZ 32.7482, 40.3232, 28.2474 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(149, 179, 133) }
```


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

```
.border{ border-color:rgb(149, 179, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 179, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 179, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 179, 133);  
box-shadow:4px 4px 4px 4px rgb(149, 179,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7482, 40.3232, 28.2474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 179, 133) }
```

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

```
.background{ background-color: rgb(149,  
179, 133) }
```

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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