

Converting Colors

XYZ(32.5290, 40.8517, 28.6701)

Have a look what the booklet for
XYZ(32.5290, 40.8517, 28.6701)
contains.

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Color

**XYZ(32.5040, 40.7887,
28.7141)**

Conversions

Conversions Part 1

Format	Color
Hex	91B586
RGB	145, 181, 134
RGB Percent	57%, 71%, 53%
CMY	0.4314, 0.2902, 0.4745
CMYK	0.20, 0.00, 0.26, 0.29
HSL	106°, 24%, 62%
HSV	106°, 26%, 71%
XYZ	32.5040, 40.7887, 28.7141
YIQ	164.8780, -6.3690, -22.2490

Conversions

Conversions Part 2

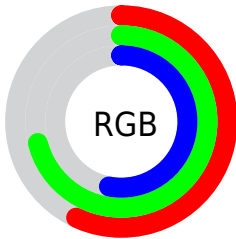
Format	Color
RYB	134, 181, 170
Decimal	9549190
CIELab	70.03, -21.16, 20.07
CIElCh	70, 29.161, 136.512
Yxy	40.7887, 0.3186, 0.3999
Android (android.graphics.Color)	4287739270 (0xFF91B586)
YUV	164.8780, -15.2229, -17.4330
Hunter-Lab	63.8660, -20.9197, 18.0495

Details

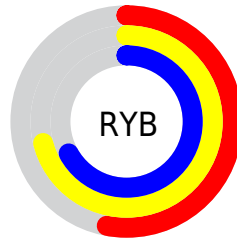
The XYZ color **32.5040, 40.7887, 28.7141** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.4448, 28.9336, 47.5402**, and the grayscale version is **35.7794, 37.6427, 40.9929**.

A 20% lighter version of the original color is **62.8070, 76.2983, 58.4305**, and **13.9355, 18.4581, 11.2158** is the 20% darker color. If you saturate the color by 10%, you get **29.0525, 39.1442, 22.5172**, and if you desaturate by 10%, it is **36.4719, 42.6769, 36.0648**.

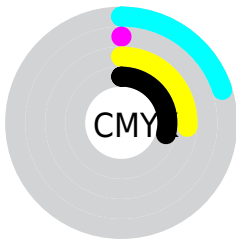
Distribution



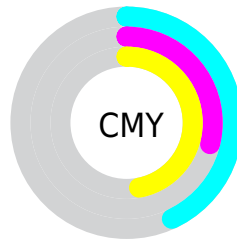
- Red (57%)
- Green (71%)
- Blue (53%)



- Red (53%)
- Yellow (71%)
- Blue (67%)



- Cyan (20%)
- Magenta (0%)
- Yellow (26%)
- Black (29%)



- Cyan (43%)
- Magenta (29%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5040, 40.7887, 28.7141 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 32.5040, 40.7887, 28.7141 by changing the saturation by 10% instead.

■ 32.5040, 40.7887,
28.7141

■ 32.5040, 40.7887,
28.7141

305.1134,
349.4367, 309.8822

■ 21.9042, 28.1540,
18.6209

■ 62.9602, 76.3630,
58.6593

■ 13.9027, 18.4418,
11.2227

■ 83.5474, 100.0715,
79.3484

■ 8.1343, 11.2676,
6.1008

■ 108.1943,
128.2399, 104.4066

■ 4.2335, 6.2471,
2.8367

137.2664,
161.2528, 134.2523

■ 1.8351, 2.9959,
1.0118

171.1290,
199.4946, 169.3042

■ 0.5387, 1.1296,
0.0000

210.1475,

■ 0.0000, 0.0031,

243.3495, 209.9808

0.0000

254.6872,
293.2021, 256.7006

■ 0.0000, 0.0000,
0.0000

■ 32.5040, 40.7887,
28.7141

■ 32.5040, 40.7887,
28.7141

■ 29.0525, 39.1442,
22.5172

■ 36.4719, 42.6769,
36.0648

■ 26.0925, 37.7282,
17.4131

■ 40.9735, 44.8128,
44.6209

■ 23.6019, 36.5318,
13.3389

■ 46.0290, 47.2070,
54.4342

■ 21.5553, 35.5436,
10.2246

■ 51.6566, 49.8679,
65.5525

■ 19.9249, 34.7508,
7.9913

■ 57.8739, 52.8035,
78.0214

■ 18.6794, 34.1394,
6.5475

■ 64.6974, 56.0214,
91.8841

■ 17.7812, 33.6925,
5.7757

■ 71.2110, 59.1561,
102.2728

■ 17.4942, 33.5492,
5.5536

■ 75.8147, 61.5294,
102.4882

Harmonies

Analogous

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



36.2265, 40.7887, 23.7343



32.5040, 40.7887, 28.7141



30.5372, 40.7887, 38.5783

Triad

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



32.5040, 40.7887, 28.7141



36.6741, 40.7887, 75.0639



48.2153, 40.7887, 37.3752

Complementary

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



32.5040, 40.7887, 28.7141



33.4448, 28.9336, 47.5402

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.



48.3600, 40.7887, 50.8059



32.5040, 40.7887, 28.7141



41.4265, 40.7887, 74.5573

Square

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



32.5040, 40.7887, 28.7141



32.8085, 40.7887, 66.2562



45.7901, 40.7887, 64.9879



45.4097, 40.7887, 27.9893

Rectangle

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



32.5040, 40.7887, 28.7141



30.3727, 40.7887, 47.4496



45.7901, 40.7887, 64.9879



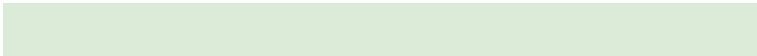
48.5842, 40.7887, 41.5068

Sweetspot

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



32.5051, 40.7905, 28.7150



71.5499, 79.3877, 76.4042



37.5953, 40.0158, 28.2972



15.1982, 17.0322, 16.0052



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.



32.5051, 40.7905, 28.7150



54.6700, 71.3630, 45.0167



31.5255, 40.1854, 33.1882



8.5690, 9.5829, 9.0506



12.1120, 23.1540, 3.8308



0.4331, 0.7553, 0.1230

Inverse Universe

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



33.4448, 28.9336, 47.5402



56.6241, 46.6123, 84.3073



34.7676, 29.7490, 41.5706



8.6518, 8.5445, 10.6996



13.1122, 6.0954, 30.6224



0.4600, 0.2162, 0.9657

Previews

White Background



This preview shows how the XYZ color 32.5040, 40.7887, 28.7141 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 32.5040, 40.7887, 28.7141 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 32.5040, 40.7887, 28.7141

Background



This preview shows how black text looks on a background with the XYZ color 32.5040, 40.7887, 28.7141.



This preview shows how white text looks on a background with the XYZ color 32.5040, 40.7887,

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

32.5040, 40.7887, 28.7141

Protanopia

37.8656, 40.4017, 26.5715

Deuteranopia

41.4161, 40.5280, 29.6846



Tritanopia

37.5396, 40.7730, 53.4684

Trichromacy



Original Color

32.5040, 40.7887, 28.7141

Protanomaly

35.5950, 40.3458, 27.3842

Deuteranomaly

37.4805, 40.1393, 29.4391

Tritanomaly

35.5525, 40.8507, 43.0570

Monochromacy



Original Color

32.5040, 40.7887, 28.7141

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.4962, 38.7280, 36.2290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5040, 40.7887, 28.7141 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(145, 181, 134)` looks like.

```
.text, #text, p{  
    color:rgb(145, 181, 134)  
}
```

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(145, 181, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 181, 134) }
```

Border

The CSS property to change the border of an element to XYZ 32.5040, 40.7887, 28.7141 is called "border". The border property can be set on classes, ids or directly on the HTML element.

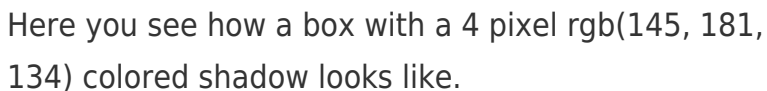
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 181, 134) }
```


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

```
.border{ border-color:rgb(145, 181, 134) }
```

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



Here you see how a box with a 4 pixel `rgb(145, 181, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 181, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 181, 134);  
box-shadow:4px 4px 4px 4px rgb(145, 181,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5040, 40.7887, 28.7141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 181, 134) }
```

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

```
.background{ background-color: rgb(145,  
181, 134) }
```

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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