

Converting Colors

XYZ(40.7371, 51.6076, 33.0224)

Have a look what the booklet for
XYZ(40.7371, 51.6076, 33.0224)
contains.

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Color

**XYZ(40.5947, 51.3778,
32.9766)**

Conversions

Conversions Part 1

Format	Color
Hex	A2C98D
RGB	162, 201, 141
RGB Percent	64%, 79%, 55%
CMY	0.3647, 0.2117, 0.4471
CMYK	0.19, 0.00, 0.30, 0.21
HSL	99°, 36%, 67%
HSV	99°, 30%, 79%
XYZ	40.5947, 51.3778, 32.9766
YIQ	182.4990, -3.9840, -26.9280

Conversions

Conversions Part 2

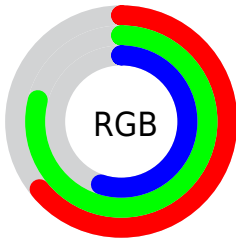
Format	Color
RYB	141, 201, 180
Decimal	10668429
CIELab	76.91, -23.92, 25.87
CIELCh	77, 35.237, 132.753
Yxy	51.3778, 0.3249, 0.4112
Android (android.graphics.Color)	4288858509 (0xFFA2C98D)
YUV	182.4990, -20.4590, -17.9776
Hunter-Lab	71.6783, -24.3443, 22.8976

Details

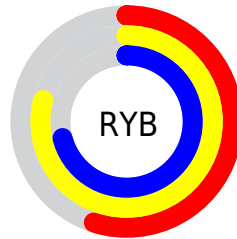
The XYZ color **40.5947, 51.3778, 32.9766** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.8920, 32.9715, 59.5754**, and the grayscale version is **44.8466, 47.1821, 51.3813**.

A 20% lighter version of the original color is **74.5238, 90.3656, 65.1442**, and **18.5859, 24.8568, 13.4911** is the 20% darker color. If you saturate the color by 10%, you get **36.7154, 49.5369, 25.6839**, and if you desaturate by 10%, it is **45.0239, 53.4739, 41.7140**.

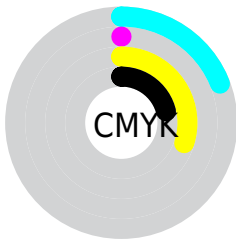
Distribution



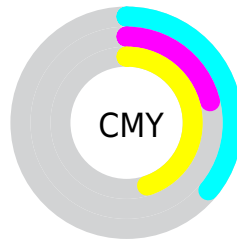
- Red (64%)
- Green (79%)
- Blue (55%)



- Red (55%)
- Yellow (79%)
- Blue (71%)



- Cyan (19%)
- Magenta (0%)
- Yellow (30%)
- Black (21%)



- Cyan (36%)
- Magenta (21%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5947, 51.3778, 32.9766 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 40.5947, 51.3778, 32.9766 by changing the saturation by 10% instead.

■ 40.5947, 51.3778,
32.9766

■ 40.5947, 51.3778,
32.9766

339.7154,
392.0298, 330.1731

■ 28.1888, 36.5094,
21.8376

■ 75.3469, 92.2130,
65.4546

■ 18.6092, 24.8278,
13.5404

■ 98.4238, 118.9485,
87.6306

■ 11.4906, 15.9488,
7.6666

■ 125.7885,
150.4085, 114.3227

■ 6.4675, 9.4880,
3.7977

157.8063,
186.9775, 145.9494

■ 3.1747, 5.0608,
1.5150

194.8425,
229.0396, 182.9292

■ 1.2468, 2.2830,
0.2291

237.2625,

■ 0.1429, 0.7647,

276.9795, 225.6808

0.0000

285.4317,
331.1814, 274.6225

■ 0.0000, 0.0000,
0.0000

■ 40.5947, 51.3778,
32.9766

■ 40.5947, 51.3778,
32.9766

■ 36.7154, 49.5369,
25.6839

■ 45.0239, 53.4739,
41.7140

■ 33.3590, 47.9344,
19.7549

■ 50.0208, 55.8282,
51.9648

■ 30.5019, 46.5614,
15.1055


■ 55.6069, 58.4518,
63.7971


■ 28.1170, 45.4062,
11.6410


■ 61.8016, 61.3534,
77.2740


■ 26.1741, 44.4554,
9.2536

■ 68.6232, 64.5411,
92.4553


 24.6385, 43.6940,
7.8158

 75.0076, 67.5901,
103.7006

 23.4542, 43.0983,
7.0912

 79.6143, 69.9650,
103.9162

 23.4385, 43.0904,
7.0819

 80.1777, 70.2554,
103.9426

Harmonies

Analogous

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



46.0424, 51.3778, 27.1077



40.5947, 51.3778, 32.9766



37.5277, 51.3778, 45.6945

Triad

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



40.5947, 51.3778, 32.9766



45.1100, 51.3778, 99.1251



62.5154, 51.3778, 48.1814

Complementary

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



40.5947, 51.3778, 32.9766



38.8920, 32.9715, 59.5754

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.



62.2075, 51.3778, 67.6167



40.5947, 51.3778, 32.9766



51.7343, 51.3778, 100.2262

Square

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



40.5947, 51.3778, 32.9766



39.9661, 51.3778, 84.9315



58.1168, 51.3778, 87.6640



58.9231, 51.3778, 34.4366

Rectangle

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



40.5947, 51.3778, 32.9766



37.0559, 51.3778, 57.7338



58.1168, 51.3778, 87.6640



62.8735, 51.3778, 54.1870

Sweetspot

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



40.5960, 51.3800, 32.9777



86.2955, 95.8886, 90.3413



45.2185, 46.9852, 31.8858



18.1849, 20.3896, 18.7405



0.0000, 0.0000, 0.0000



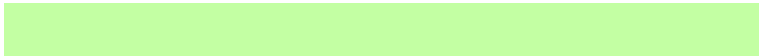
20.3446, 21.4041, 23.3091

Same Dimension

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



40.5960, 51.3800, 32.9777



64.9791, 85.8172, 47.8840



37.3777, 49.6404, 36.4666



10.8418, 12.0654, 11.3202



14.8266, 27.1387, 4.4569



0.7805, 1.3254, 0.2147

Inverse Universe

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



38.8920, 32.9715, 59.5754



61.5750, 49.1533, 100.8499



43.1286, 35.2744, 54.4071



10.7089, 10.6237, 13.4037



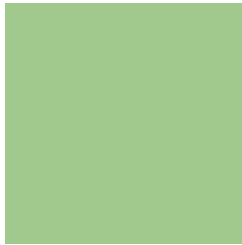
12.5828, 5.7209, 35.1854



0.6720, 0.3102, 1.6696

Previews

White Background



This preview shows how the XYZ color 40.5947, 51.3778, 32.9766 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 40.5947, 51.3778, 32.9766 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 40.5947, 51.3778, 32.9766

Background



This preview shows how black text looks on a background with the XYZ color 40.5947, 51.3778, 32.9766.



This preview shows how white text looks on a background with the XYZ color 40.5947, 51.3778,

32.9766.

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

40.5947, 51.3778, 32.9766

Protanopia

47.5434, 51.0101, 30.6327

Deuteranopia

51.9630, 51.0298, 33.8991



Tritanopia

47.2481, 51.0240, 67.0329

Trichromacy



Original Color

40.5947, 51.3778, 32.9766

Protanomaly

44.6437, 50.7937, 31.4960

Deuteranomaly

47.0511, 50.6882, 33.6895

Tritanomaly

44.3153, 50.8157, 52.8202

Monochromacy



Original Color

40.5947, 51.3778, 32.9766

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.1605, 48.7680, 44.1842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5947, 51.3778, 32.9766 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(162, 201, 141)` looks like.

```
.text, #text, p{  
    color:rgb(162, 201, 141)  
}
```

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(162, 201, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 201, 141) }
```

Border

The CSS property to change the border of an element to XYZ 40.5947, 51.3778, 32.9766 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(162, 201, 141) }
```


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

```
.border{ border-color:rgb(162, 201, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 201, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 201, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 201, 141);  
box-shadow:4px 4px 4px 4px rgb(162, 201,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5947, 51.3778, 32.9766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 201, 141) }
```

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

```
.background{ background-color: rgb(162,  
201, 141) }
```

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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