

Converting Colors

XYZ(36.6767, 46.4320, 42.6265)

Have a look what the booklet for
XYZ(36.6767, 46.4320, 42.6265)
contains.

XYZ(36.6767, 46.4320, 42.6265)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.6767, 46.4320,
42.6265)**

Conversions

Conversions Part 1

Format	Color
Hex	8CC1A5
RGB	140, 193, 165
RGB Percent	55%, 76%, 65%
CMY	0.4510, 0.2431, 0.3529
CMYK	0.27, 0.00, 0.15, 0.24
HSL	148°, 30%, 65%
HSV	148°, 27%, 76%
XYZ	36.6767, 46.4320, 42.6265
YIQ	173.9610, -22.6000, -19.9440

Conversions

Conversions Part 2

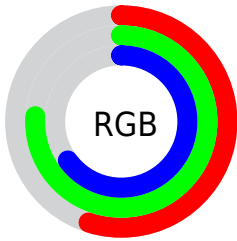
Format	Color
RYB	140, 176, 193
Decimal	9224613
CIELab	73.82, -23.16, 8.56
CIElCh	74, 24.692, 159.711
Yxy	46.4320, 0.2917, 0.3693
Android (android.graphics.Color)	4287414693 (0xFF8CC1A5)
YUV	173.9610, -4.4178, -29.7838
Hunter-Lab	68.1410, -23.1697, 10.6091

Details

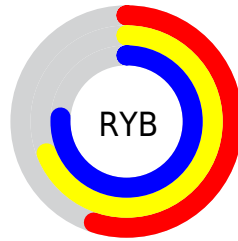
The XYZ color **36.6767, 46.4320, 42.6265** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.4399, 32.9219, 41.3763**, and the grayscale version is **40.2434, 42.3392, 46.1074**.

A 20% lighter version of the original color is **69.6096, 85.1406, 80.4751**, and **16.2378, 21.7322, 18.9617** is the 20% darker color. If you saturate the color by 10%, you get **32.8142, 44.5451, 37.7930**, and if you desaturate by 10%, it is **41.1862, 48.6465, 47.8786**.

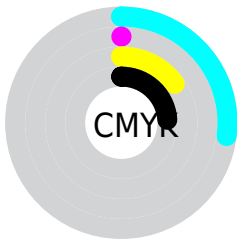
Distribution



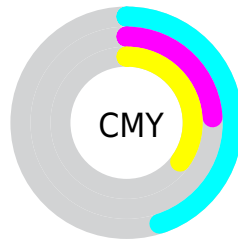
- Red (55%)
- Green (76%)
- Blue (65%)



- Red (55%)
- Yellow (69%)
- Blue (76%)



- Cyan (27%)
- Magenta (0%)
- Yellow (15%)
- Black (24%)



- Cyan (45%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6767, 46.4320, 42.6265 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 36.6767, 46.4320, 42.6265 by changing the saturation by 10% instead.

■ 36.6767, 46.4320,
42.6265

■ 36.6767, 46.4320,
42.6265

323.2886,
372.5427, 372.9495

■ 25.1298, 32.5869,
29.2629

■ 69.3923, 84.8652,
80.4272

■ 16.3030, 21.8101,
19.0325

■ 91.2918, 110.2220,
105.7015

■ 9.8310, 13.7175,
11.5167

■ 117.3728,
140.1848, 135.7830

■ 5.3485, 7.9244,
6.2970

148.0007,
175.1380, 171.0905

■ 2.4900, 4.0466,
2.9548

183.5409,
215.4660, 212.0423

■ 0.8902, 1.6997,
1.0716

224.3587,

■ 0.0000, 0.4234,

261.5532, 259.0570

0.0000

270.8195,
313.7840, 312.5532

■ 0.0000, 0.0000,
0.0000

■ 36.6767, 46.4320,
42.6265

■ 36.6767, 46.4320,
42.6265

■ 32.8142, 44.5451,
37.7930

■ 41.1862, 48.6465,
47.8786

■ 29.5633, 42.9638,
33.3645

■ 46.3682, 51.1976,
53.5562

■ 26.8910, 41.6727,
29.3312

■ 52.2513, 54.1012,
59.6701

■ 24.7596, 40.6525,
25.6816

■ 58.8615, 57.3705,
66.2294

■ 23.1264, 39.8814,
22.4037

■ 66.2232, 61.0180,
73.2434

■ 21.9419, 39.3342,
19.4847

■ 74.0634, 64.9027,
80.7069

■ 21.1357, 38.9747,
16.9102

■ 75.5064, 65.4799,
88.3055

■ 20.9607, 38.8976,
16.3088

■ 77.0340, 66.0910,
96.3500

■ 78.3608, 66.6217,
103.3369

Harmonies

Analogous

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



38.9542, 46.4320, 34.1423



36.6767, 46.4320, 42.6265



36.3217, 46.4320, 54.7465

Triad

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



36.6767, 46.4320, 42.6265



45.5719, 46.4320, 78.3342



50.9516, 46.4320, 36.6266

Complementary

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



36.6767, 46.4320, 42.6265



38.4399, 32.9219, 41.3763

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.



52.9891, 46.4320, 46.5861



36.6767, 46.4320, 42.6265



49.7499, 46.4320, 71.5341

Square

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



36.6767, 46.4320, 42.6265



41.2687, 46.4320, 76.7995



52.5353, 46.4320, 59.4138



47.1253, 46.4320, 31.0977

Rectangle

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



36.6767, 46.4320, 42.6265



37.1973, 46.4320, 63.5141



52.5353, 46.4320, 59.4138



51.8796, 46.4320, 39.4933

Sweetspot

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



36.6780, 46.4339, 42.6275



82.3881, 91.3688, 95.2169



40.0105, 48.3896, 32.0429



17.3582, 19.4456, 20.0868



92.9021, 97.7402, 106.4391



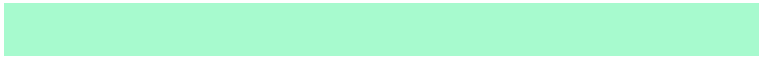
19.4759, 20.4902, 22.3138

Same Dimension

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



36.6780, 46.4339, 42.6275



61.3633, 81.0441, 71.0123



39.3164, 47.4893, 56.5214



10.1378, 11.3362, 11.7288



13.9805, 25.8863, 11.0562



0.6389, 1.1324, 0.6610

Inverse Universe

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



38.4399, 32.9219, 41.3763



65.0448, 52.8051, 68.3937



36.2367, 32.0406, 29.7746



10.2905, 10.1648, 11.6205



16.2622, 8.1946, 9.2930



0.7373, 0.3679, 0.5838

Previews

White Background



This preview shows how the XYZ color 36.6767, 46.4320, 42.6265 looks on a white background.

Color Contrast Check

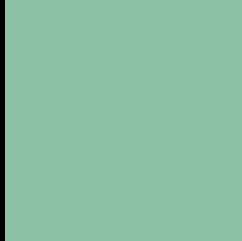
Large Text (above 18pt) WCAG AA × Fail

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 36.6767, 46.4320, 42.6265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

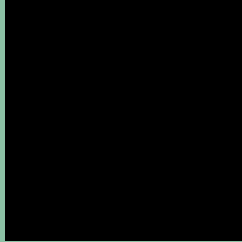
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.6767, 46.4320, 42.6265

Background



This preview shows how black text looks on a background with the XYZ color 36.6767, 46.4320, 42.6265.



This preview shows how white text looks on a background with the XYZ color 36.6767, 46.4320,

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

36.6767, 46.4320, 42.6265

Protanopia

43.4791, 45.9300, 38.9215

Deuteranopia

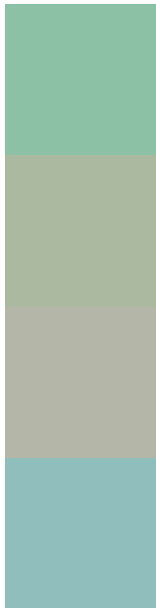
47.1200, 46.2210, 43.9742



Tritanopia

40.7953, 46.4813, 63.3216

Trichromacy



Original Color

36.6767, 46.4320, 42.6265

Protanomaly

40.5766, 45.9291, 40.4448

Deuteranomaly

42.6182, 45.9863, 43.6758

Tritanomaly

39.1004, 46.4303, 55.0453

Monochromacy



Original Color

36.6767, 46.4320, 42.6265

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

38.7749, 43.6694, 44.9135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6767, 46.4320, 42.6265 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(140, 193, 165)` looks like.

```
.text, #text, p{  
    color:rgb(140, 193, 165)  
}
```

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(140, 193, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 193, 165) }
```

Border

The CSS property to change the border of an element to XYZ 36.6767, 46.4320, 42.6265 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(140, 193, 165) }
```


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

```
.border{ border-color:rgb(140, 193, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 193, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 193, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 193, 165);  
box-shadow:4px 4px 4px 4px rgb(140, 193,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6767, 46.4320, 42.6265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 193, 165) }
```

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

```
.background{ background-color: rgb(140,  
193, 165) }
```

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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