

Converting Colors

XYZ(36.7402, 42.3798, 46.2682)

Have a look what the booklet for
XYZ(36.7402, 42.3798, 46.2682)
contains.

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Color

**XYZ(36.7237, 42.2778,
46.2693)**

Conversions

Conversions Part 1

Format	Color
Hex	97B4AE
RGB	151, 180, 174
RGB Percent	59%, 71%, 68%
CMY	0.4078, 0.2941, 0.3176
CMYK	0.16, 0.00, 0.03, 0.29
HSL	168°, 16%, 65%
HSV	168°, 16%, 71%
XYZ	36.7237, 42.2778, 46.2693
YIQ	170.6450, -15.3580, -8.0140

Conversions

Conversions Part 2

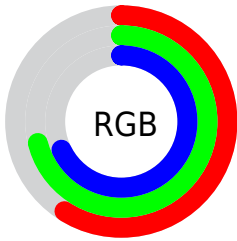
Format	Color
RYB	151, 167, 180
Decimal	9942190
CIELab	71.06, -11.10, -0.26
CIElCh	71, 11.099, 181.322
Yxy	42.2778, 0.2932, 0.3375
Android (android.graphics.Color)	4288132270 (0xFF97B4AE)
YUV	170.6450, 1.6540, -17.2287
Hunter-Lab	65.0214, -12.9716, 3.3241

Details

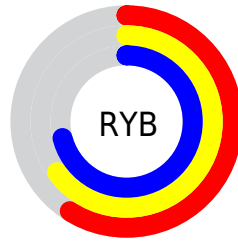
The XYZ color **36.7237, 42.2778, 46.2693** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.9763, 34.2719, 36.6190**, and the grayscale version is **38.5291, 40.5356, 44.1433**.

A 20% lighter version of the original color is **69.5919, 78.7699, 85.6650**, and **16.3578, 19.2932, 21.2742** is the 20% darker color. If you saturate the color by 10%, you get **33.2769, 40.5434, 44.2390**, and if you desaturate by 10%, it is **40.6931, 44.2827, 48.3785**.

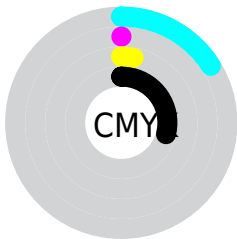
Distribution



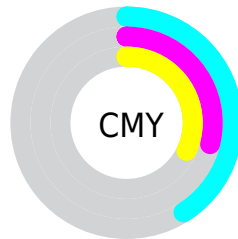
- Red (59%)
- Green (71%)
- Blue (68%)



- Red (59%)
- Yellow (65%)
- Blue (71%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (41%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.7237, 42.2778, 46.2693 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 36.7237, 42.2778, 46.2693 by changing the saturation by 10% instead.

■ 36.7237, 42.2778,
46.2693

■ 36.7237, 42.2778,
46.2693

323.4891,
355.6332, 388.1993

■ 25.1663, 29.3189,
32.1082

■ 69.4642, 78.6199,
85.9604

■ 16.3304, 19.3222,
21.1786

■ 91.3781, 102.7718,
112.3275

■ 9.8506, 11.9033,
13.0621

117.4748,
131.4236, 143.6003

■ 5.3615, 6.6779,
7.3401

148.1198,
164.9596, 180.1974

■ 2.4978, 3.2615,
3.5940

183.6784,
203.7641, 222.5373

■ 0.8942, 1.2697,
1.4054

224.5158,

■ 0.0000, 0.1176,

248.2216, 271.0385

0.1459

270.9976,
298.7165, 326.1197

■ 0.0000, 0.0000,
0.0000

■ 36.7237, 42.2778,
46.2693

■ 36.7237, 42.2778,
46.2693

■ 33.2769, 40.5434,
44.2390

■ 40.6931, 44.2827,
48.3785

■ 30.3259, 39.0624,
42.2831

■ 45.2031, 46.5639,
50.5650

■ 27.8470, 37.8235,
40.4011

■ 50.2753, 49.1339,
52.8314

■ 25.8131, 36.8130,
38.5913

■ 55.9292, 52.0024,
55.1787

■ 24.1943, 36.0153,
36.8518

■ 62.1830, 55.1791,
57.6084

■ 22.9570, 35.4131,
35.1805

■ 67.5662, 57.9057,
60.0519

■ 22.0621, 34.9864,
33.5753

■ 67.9967, 58.0779,
62.3187

■ 21.4588, 34.7089,
32.0333

■ 68.4377, 58.2544,
64.6414

■ 21.2610, 34.6197,
31.4488

■ 68.8895, 58.4351,
67.0203

Harmonies

Analogous

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



37.1362, 42.2778, 41.3050



36.7237, 42.2778, 46.2693



37.2143, 42.2778, 51.5481

Triad

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



36.7237, 42.2778, 46.2693



42.0659, 42.2778, 55.3187



41.9192, 42.2778, 37.6435

Complementary

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



36.7237, 42.2778, 46.2693



35.9763, 34.2719, 36.6190

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.



43.3071, 42.2778, 40.9266



36.7237, 42.2778, 46.2693



43.3937, 42.2778, 51.1094

Square

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



36.7237, 42.2778, 46.2693



40.2661, 42.2778, 57.0148



43.8546, 42.2778, 45.7982



40.1016, 42.2778, 36.5611

Rectangle

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



36.7237, 42.2778, 46.2693



37.9965, 42.2778, 54.4737



43.8546, 42.2778, 45.7982



42.4534, 42.2778, 38.5132

Sweetspot

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



36.7249, 42.2796, 46.2702



74.5753, 80.6912, 88.1167



35.8684, 42.0753, 35.5096



16.0026, 17.3817, 18.9869



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.



36.7249, 42.2796, 46.2702



64.4774, 75.5951, 82.6955



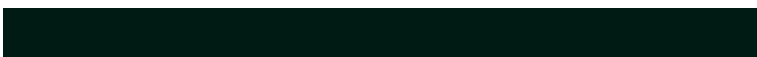
35.7133, 39.2987, 48.8852



8.6658, 9.6008, 10.4998



14.8630, 24.1712, 22.0789



0.4867, 0.7681, 0.7949

Inverse Universe

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



35.9763, 34.2719, 36.6190



62.8861, 58.5675, 62.1761



36.8451, 36.8098, 34.4418



8.5659, 8.5331, 9.2126



13.3931, 6.8748, 1.9639



0.4423, 0.2247, 0.1716

Previews

White Background



This preview shows how the XYZ color 36.7237, 42.2778, 46.2693 looks on a white background.

Color Contrast Check

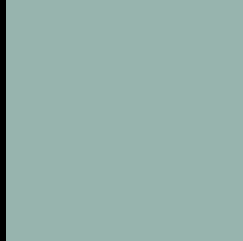
Large Text (above 18pt) WCAG AA × Fail

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 36.7237, 42.2778, 46.2693 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

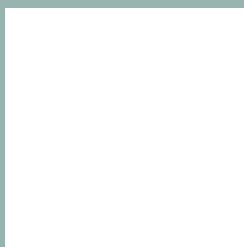
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.7237, 42.2778, 46.2693

Background



This preview shows how black text looks on a background with the XYZ color 36.7237, 42.2778, 46.2693.

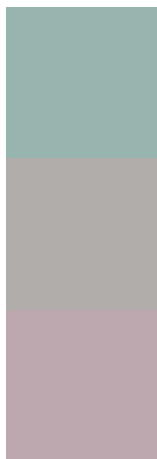


This preview shows how white text looks on a background with the XYZ color 36.7237, 42.2778,

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

36.7237, 42.2778, 46.2693

Protanopia

40.3307, 42.1365, 44.0377

Deuteranopia

42.8254, 41.9587, 46.9160



Tritanopia

38.4525, 42.0759, 55.3850

Trichromacy



Original Color

36.7237, 42.2778, 46.2693

Protanomaly

39.0245, 42.3158, 44.6390

Deuteranomaly

40.1696, 41.7142, 46.4919

Tritanomaly

37.8142, 42.1159, 52.0351

Monochromacy



Original Color

36.7237, 42.2778, 46.2693

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

37.8923, 41.1432, 44.9740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7237, 42.2778, 46.2693 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(151, 180, 174)` looks like.

```
.text, #text, p{  
    color:rgb(151, 180, 174)  
}
```

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(151, 180, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 180, 174) }
```

Border

The CSS property to change the border of an element to XYZ 36.7237, 42.2778, 46.2693 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(151, 180, 174) }
```


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

```
.border{ border-color:rgb(151, 180, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 180, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 180, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 180, 174);  
box-shadow:4px 4px 4px 4px rgb(151, 180,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7237, 42.2778, 46.2693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 180, 174) }
```

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

```
.background{ background-color: rgb(151,  
180, 174) }
```

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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