

Converting Colors

XYZ(37.6342, 42.0406, 52.2721)

Have a look what the booklet for
XYZ(37.6342, 42.0406, 52.2721)
contains.

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Color

**XYZ(37.6262, 42.0190,
52.0263)**

Conversions

Conversions Part 1

Format	Color
Hex	98B2B9
RGB	152, 178, 185
RGB Percent	60%, 70%, 73%
CMY	0.4039, 0.3019, 0.2745
CMYK	0.18, 0.04, 0.00, 0.27
HSL	193°, 19%, 66%
HSV	193°, 18%, 73%
XYZ	37.6262, 42.0190, 52.0263
YIQ	171.0240, -17.7430, -3.3350

Conversions

Conversions Part 2

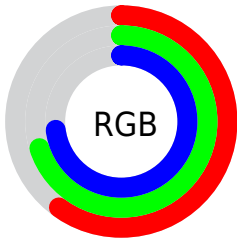
Format	Color
RYB	152, 167, 185
Decimal	10007225
CIELab	70.88, -7.37, -6.56
CIELCh	71, 9.864, 221.662
Yxy	42.0190, 0.2858, 0.3191
Android (android.graphics.Color)	4288197305 (0xFF98B2B9)
YUV	171.0240, 6.8902, -16.6840
Hunter-Lab	64.8221, -9.8276, -2.2108

Details

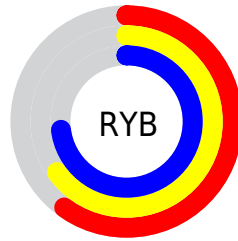
The XYZ color **37.6262, 42.0190, 52.0263** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.0734, 37.3773, 34.9143**, and the grayscale version is **38.6946, 40.7097, 44.3329**.

A 20% lighter version of the original color is **71.0321, 78.4619, 94.6200**, and **16.7540, 19.0425, 24.6223** is the 20% darker color. If you saturate the color by 10%, you get **33.6610, 38.8338, 51.6212**, and if you desaturate by 10%, it is **42.1562, 45.5308, 52.4661**.

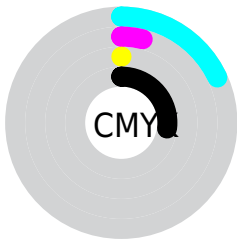
Distribution



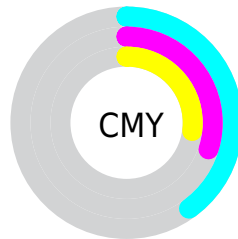
- Red (60%)
- Green (70%)
- Blue (73%)



- Red (60%)
- Yellow (65%)
- Blue (73%)



- Cyan (18%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)



- Cyan (40%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6262, 42.0190, 52.0263 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 37.6262, 42.0190, 52.0263 by changing the saturation by 10% instead.

■ 37.6262, 42.0190,
52.0263

■ 37.6262, 42.0190,
52.0263

327.3224,
354.5617, 411.4980

■ 25.8686, 29.1162,
36.6437

■ 70.8424, 78.2284,
94.5970

■ 16.8575, 19.1687,
24.6381

■ 93.0318, 102.3037,
122.6221

■ 10.2276, 11.7923,
15.5911

119.4291,
130.8720, 155.6985

■ 5.6136, 6.6024,
9.0840

150.3997,
164.3177, 194.2447

■ 2.6500, 3.2147,
4.6985

186.3090,
203.0251, 238.6792

■ 0.9715, 1.2448,
2.0158

227.5223,

■ 0.0000, 0.0979,

247.3786, 289.4205

0.5650

274.4050,
297.7627, 346.8873

■ 0.0000, 0.0000,
0.0000

■ 37.6262, 42.0190,
52.0263

■ 37.6262, 42.0190,
52.0263

■ 33.6610, 38.8338,
51.6212

■ 42.1562, 45.5308,
52.4661

■ 30.2319, 35.9566,
51.2465

■ 47.2710, 49.3763,
52.9387

■ 27.3129, 33.3751,
50.9021

■ 52.9938, 53.5690,
53.4464

■ 24.8746, 31.0736,
50.5864

■ 59.3457, 58.1199,
53.9900

■ 22.8841, 29.0350,
50.2978

■ 66.3466, 63.0395,
54.5706

■ 21.3044, 27.2400,
50.0346

■ 71.0100, 66.7886,
55.0485

■ 20.0925, 25.6660,
49.7947

■ 71.9394, 68.6475,
55.3583

■ 19.1822, 24.2786,
49.5748

■ 72.8924, 70.5535,
55.6759

■ 19.0011, 23.9908,
49.5288

■ 73.8691, 72.5069,
56.0015

Harmonies

Analogous

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



36.9261, 42.0190, 47.6029



37.6262, 42.0190, 52.0263



38.9531, 42.0190, 54.8781

Triad

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



37.6262, 42.0190, 52.0263



43.0089, 42.0190, 48.6545



39.3033, 42.0190, 37.4585

Complementary

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



37.6262, 42.0190, 52.0263



38.0734, 37.3773, 34.9143

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.



40.9390, 42.0190, 37.6975



37.6262, 42.0190, 52.0263



43.1089, 42.0190, 43.9489

Square

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



37.6262, 42.0190, 52.0263



42.0725, 42.0190, 52.8414



42.3422, 42.0190, 40.0028



37.8765, 42.0190, 39.3260

Rectangle

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



37.6262, 42.0190, 52.0263



40.0294, 42.0190, 55.3936



42.3422, 42.0190, 40.0028



39.8464, 42.0190, 37.2988

Sweetspot

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



37.6274, 42.0207, 52.0272



77.9183, 83.3812, 94.1920



36.5219, 43.8634, 39.1614



16.6641, 17.8742, 20.2934



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



37.6274, 42.0207, 52.0272



64.7867, 73.1921, 92.9175



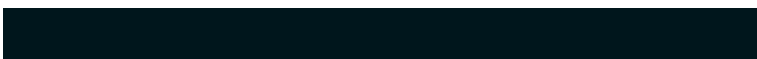
34.6092, 35.9843, 51.0212



9.1007, 9.8786, 11.5065



12.9921, 16.4438, 33.7423



0.4991, 0.6618, 1.2032

Inverse Universe

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



39.2726, 35.9859, 46.9976



68.2558, 60.6830, 82.2637



41.0252, 43.2809, 35.8982



9.2972, 9.1292, 10.9123



17.1715, 8.4423, 19.3216



0.6261, 0.3059, 0.7903

Previews

White Background



This preview shows how the XYZ color 37.6262, 42.0190, 52.0263 looks on a white background.

Color Contrast Check

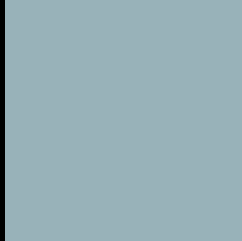
Large Text (above 18pt) WCAG AA × Fail

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 37.6262, 42.0190, 52.0263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

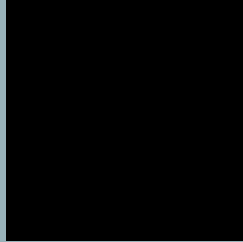
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

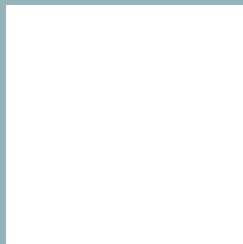
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.6262, 42.0190, 52.0263

Background



This preview shows how black text looks on a background with the XYZ color 37.6262, 42.0190, 52.0263.



This preview shows how white text looks on a background with the XYZ color 37.6262, 42.0190,

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

37.6262, 42.0190, 52.0263

Protanopia

40.5486, 41.8399, 49.6548

Deuteranopia

42.7394, 41.7835, 52.8261



Tritanopia

38.2630, 41.9782, 55.3761

Trichromacy



Original Color

37.6262, 42.0190, 52.0263

Protanomaly

39.3054, 41.7565, 50.2442

Deuteranomaly

40.6287, 41.8209, 52.3852

Tritanomaly

38.0443, 41.8907, 54.2247

Monochromacy



Original Color

37.6262, 42.0190, 52.0263

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.2824, 41.2992, 47.0281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6262, 42.0190, 52.0263 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(152, 178, 185)` looks like.

```
.text, #text, p{  
    color:rgb(152, 178, 185)  
}
```

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(152, 178, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 178, 185) }
```

Border

The CSS property to change the border of an element to XYZ 37.6262, 42.0190, 52.0263 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(152, 178, 185) }
```


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

```
.border{ border-color:rgb(152, 178, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 178, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 178, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 178, 185);  
box-shadow:4px 4px 4px 4px rgb(152, 178,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6262, 42.0190, 52.0263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 178, 185) }
```

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

```
.background{ background-color: rgb(152,  
178, 185) }
```

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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