

Converting Colors

XYZ(32.8322, 37.7119, 52.1060)

Have a look what the booklet for
XYZ(32.8322, 37.7119, 52.1060)
contains.

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Color

**XYZ(32.8214, 37.7960,
52.0199)**

Conversions

Conversions Part 1

Format	Color
Hex	82ACBA
RGB	130, 172, 186
RGB Percent	51%, 67%, 73%
CMY	0.4902, 0.3255, 0.2706
CMYK	0.30, 0.08, 0.00, 0.27
HSL	195°, 29%, 62%
HSV	195°, 30%, 73%
XYZ	32.8214, 37.7960, 52.0199
YIQ	161.0380, -29.5260, -4.5500

Conversions

Conversions Part 2

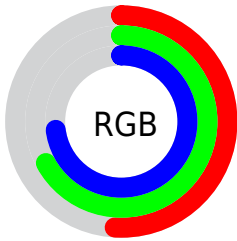
Format	Color
RYB	130, 154, 186
Decimal	8563898
CIELab	67.87, -10.72, -11.75
CIELCh	68, 15.905, 227.612
Yxy	37.7960, 0.2676, 0.3082
Android (android.graphics.Color)	4286753978 (0xFF82ACBA)
YUV	161.0380, 12.3063, -27.2203
Hunter-Lab	61.4785, -12.2918, -7.1332

Details

The XYZ color **32.8214, 37.7960, 52.0199** is a light color, and the websafe version is hex **669999**. A complement of this color would be **34.2529, 31.9979, 25.4910**, and the grayscale version is **33.8493, 35.6121, 38.7816**.

A 20% lighter version of the original color is **63.2633, 71.5393, 94.4785**, and **14.0920, 16.7461, 24.6799** is the 20% darker color. If you saturate the color by 10%, you get **29.3530, 34.7181, 51.6092**, and if you desaturate by 10%, it is **36.8388, 41.2047, 52.4668**.

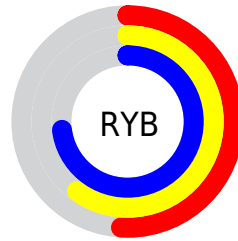
Distribution



Red (51%)

Green (67%)

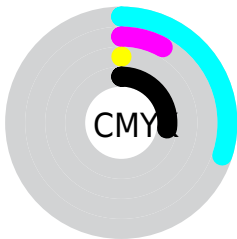
Blue (73%)



Red (51%)

Yellow (60%)

Blue (73%)

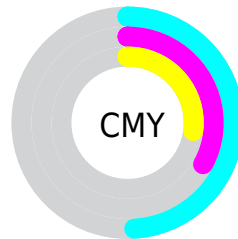


Cyan (30%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (49%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8214, 37.7960, 52.0199 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 32.8214, 37.7960, 52.0199 by changing the saturation by 10% instead.

■ 32.8214, 37.7960,
52.0199

■ 32.8214, 37.7960,
52.0199

306.5234,
336.7441, 411.4726

■ 22.1482, 25.8244,
36.6386

■ 63.4531, 71.7954,
94.5875

■ 14.0831, 16.6923,
24.6342

■ 84.1424, 94.5919,
122.6108

■ 8.2606, 10.0154,
15.5882

■ 108.9011,
121.7655, 155.6852

■ 4.3153, 5.4091,
9.0820

138.0946,
153.7007, 194.2293

■ 1.8820, 2.4893,
4.6972

172.0882,
190.7817, 238.6615

■ 0.5664, 0.8713,
2.0151

211.2473,

■ 0.0000, 0.0000,

233.3930, 289.4004

0.5645

255.9373,
281.9190, 346.8646

■ 0.0000, 0.0000,
0.0000

■ 32.8214, 37.7960,
52.0199

■ 32.8214, 37.7960,
52.0199

■ 29.3530, 34.7181,
51.6092

■ 36.8388, 41.2047,
52.4668

■ 26.4020, 31.9515,
51.2308

■ 41.4278, 44.9536,
52.9485

■ 23.9389, 29.4814,
50.8838

■ 46.6137, 49.0572,
53.4672

■ 21.9294, 27.2898,
50.5667

■ 52.4196, 53.5276,
54.0241

■ 20.3349, 25.3561,
50.2775

■ 58.8669, 58.3765,
54.6202

■ 19.1094, 23.6563,
50.0140

■ 65.9763, 63.6148,
55.2566

■ 18.1691, 22.1573,
49.7742

■ 71.8269, 68.2529,
55.8435

■ 72.9525, 70.5041,
56.2187

■ 74.1114, 72.8220,
56.6050

Harmonies

Analogous

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



31.5916, 37.7960, 45.4004



32.8214, 37.7960, 52.0199



34.9164, 37.7960, 55.8924

Triad

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



32.8214, 37.7960, 52.0199



40.7569, 37.7960, 44.1358



34.5083, 37.7960, 29.5201

Complementary

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



32.8214, 37.7960, 52.0199



34.2529, 31.9979, 25.4910

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.



36.9508, 37.7960, 29.2641



32.8214, 37.7960, 52.0199



40.6353, 37.7960, 37.1799

Square

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



32.8214, 37.7960, 52.0199



39.5411, 37.7960, 51.0033



39.2161, 37.7960, 31.9165



32.5345, 37.7960, 32.6611

Rectangle

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



32.8214, 37.7960, 52.0199



36.5557, 37.7960, 56.1336



39.2161, 37.7960, 31.9165



35.2995, 37.7960, 29.1079

Sweetspot

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



32.8225, 37.7975, 52.0208



75.9417, 82.1640, 96.0581



31.7287, 41.8497, 32.4196



16.4374, 17.8641, 21.1243



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.8225, 37.7975, 52.0208



55.3012, 64.8212, 93.7985



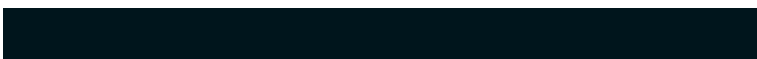
28.1850, 28.5225, 50.4749



9.0714, 9.8201, 11.4968



12.2852, 15.0301, 33.5067



0.4791, 0.6218, 1.1965

Inverse Universe

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



35.6797, 29.3840, 42.8224



61.4098, 47.5687, 73.9679



38.8553, 41.2027, 27.0252



9.2824, 9.1233, 10.8346



16.8147, 8.2996, 17.4428



0.6160, 0.3019, 0.7371

Previews

White Background



This preview shows how the XYZ color 32.8214, 37.7960, 52.0199 looks on a white background.

Color Contrast Check

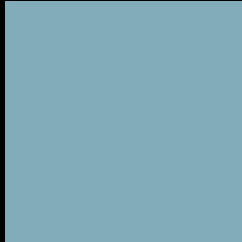
Large Text (above 18pt) WCAG AA × Fail

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 32.8214, 37.7960, 52.0199 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

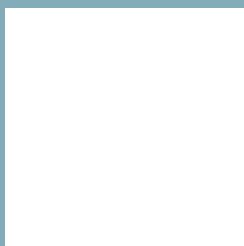
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.8214, 37.7960, 52.0199

Background



This preview shows how black text looks on a background with the XYZ color 32.8214, 37.7960, 52.0199.



This preview shows how white text looks on a background with the XYZ color 32.8214, 37.7960,

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

32.8214, 37.7960, 52.0199

Protanopia

36.7202, 37.6736, 49.0524

Deuteranopia

38.3995, 37.6666, 52.8235



Tritanopia

32.8214, 37.7960, 52.0199

Trichromacy



Original Color

32.8214, 37.7960, 52.0199

Protanomaly

35.1285, 37.6356, 50.2127

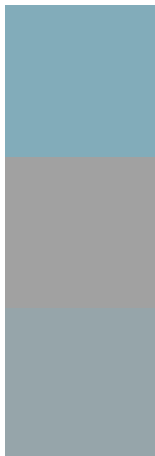
Deuteranomaly

35.9423, 37.4667, 52.3511

Tritanomaly

32.8214, 37.7960, 52.0199

Monochromacy



Original Color

32.8214, 37.7960, 52.0199

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.2885, 36.2966, 43.2817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8214, 37.7960, 52.0199 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(130, 172, 186)` looks like.

```
.text, #text, p{  
    color:rgb(130, 172, 186)  
}
```

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(130, 172, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 172, 186) }
```

Border

The CSS property to change the border of an element to XYZ 32.8214, 37.7960, 52.0199 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(130, 172, 186) }
```


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

```
.border{ border-color:rgb(130, 172, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 172, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 172, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 172, 186);  
box-shadow:4px 4px 4px 4px rgb(130, 172,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8214, 37.7960, 52.0199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 172, 186) }
```

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

```
.background{ background-color: rgb(130,  
172, 186) }
```

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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