

Converting Colors

XYZ(32.1976, 37.6371, 46.6432)

Have a look what the booklet for
XYZ(32.1976, 37.6371, 46.6432)
contains.

XYZ(32.1047, 37.5452, 46.6291)	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(32.1047, 37.5452,
46.6291)**

Conversions

Conversions Part 1

Format	Color
Hex	84ACB0
RGB	132, 172, 176
RGB Percent	52%, 67%, 69%
CMY	0.4823, 0.3255, 0.3098
CMYK	0.25, 0.02, 0.00, 0.31
HSL	185°, 22%, 60%
HSV	185°, 25%, 69%
XYZ	32.1047, 37.5452, 46.6291
YIQ	160.4960, -25.1240, -7.2360

Conversions

Conversions Part 2

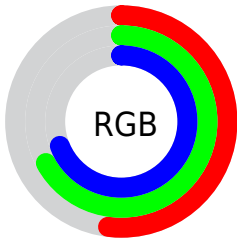
Format	Color
R_{YB}	132, 153, 176
Decimal	8694960
CIE _{Lab}	67.68, -12.49, -6.47
CIE _{LCh}	68, 14.068, 207.375
Yxy	37.5452, 0.2761, 0.3229
Android (android.graphics.Color)	4286885040 (0xFF84ACB0)
YUV	160.4960, 7.6435, -24.9910
Hunter-Lab	61.2741, -13.7043, -2.2273

Details

The XYZ color **32.1047, 37.5452, 46.6291** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.8738, 28.5044, 25.7052**, and the grayscale version is **33.6176, 35.3683, 38.5161**.

A 20% lighter version of the original color is **62.2843, 71.2035, 86.8048**, and **13.7479, 16.6375, 21.5556** is the 20% darker color. If you saturate the color by 10%, you get **29.2791, 35.6404, 46.4110**, and if you desaturate by 10%, it is **35.4005, 39.6998, 46.8719**.

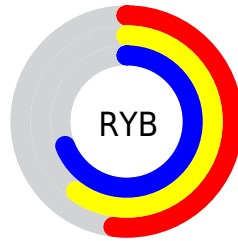
Distribution



Red (52%)

Green (67%)

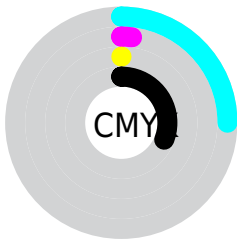
Blue (69%)



Red (52%)

Yellow (60%)

Blue (69%)

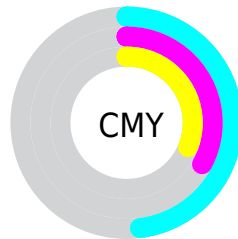


Cyan (25%)

Magenta (2%)

Yellow (0%)

Black (31%)



Cyan (48%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1047, 37.5452, 46.6291 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 32.1047, 37.5452, 46.6291 by changing the saturation by 10% instead.

■ 32.1047, 37.5452,
46.6291

■ 32.1047, 37.5452,
46.6291

303.3327,
335.6650, 389.6829

■ 21.5974, 25.6299,
32.3903

■ 62.3393, 71.4105,
86.5039

■ 13.6763, 16.5470,
21.3925

■ 82.7973, 94.1293,
112.9770

■ 7.9761, 9.9120,
13.2172

■ 107.3029,
121.2181, 144.3652

■ 4.1313, 5.3407,
7.4458

136.2215,
153.0612, 181.0872

■ 1.7767, 2.4485,
3.6598

169.9184,
190.0430, 223.5614

■ 0.5036, 0.8507,
1.4406

208.7590,

■ 0.0000, 0.0000,

232.5480, 272.2064

0.1731

253.1087,
280.9605, 327.4407

■ 0.0000, 0.0000,
0.0000

■ 32.1047, 37.5452,
46.6291

■ 32.1047, 37.5452,
46.6291

■ 29.2791, 35.6404,
46.4110

■ 35.4005, 39.6998,
46.8719

■ 26.8970, 33.9687,
46.2139

■ 39.1849, 42.1107,
47.1378

■ 24.9344, 32.5187,
46.0374

■ 43.4793, 44.7900,
47.4286

■ 23.3632, 31.2758,
45.8803

■ 48.3028, 47.7475,
47.7452

■ 22.1523, 30.2240,
45.7411

■ 53.6736, 50.9927,
48.0885

■ 21.2654, 29.3446,
45.6181

■ 59.6089, 54.5345,
48.4594

■ 20.6585, 28.6148,
45.5093

■ 66.0507, 58.3429,
48.8549

■ 20.4092, 28.2799,
45.4578

■ 66.3829, 59.0073,
48.9657

■ 66.7188, 59.6792,
49.0776

Harmonies

Analogous

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



31.6749, 37.5452, 40.3352



32.1047, 37.5452, 46.6291



33.4815, 37.5452, 51.8014

Triad

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



32.1047, 37.5452, 46.6291



39.3190, 37.5452, 47.6722



35.8771, 37.5452, 30.0606

Complementary

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



32.1047, 37.5452, 46.6291



30.8738, 28.5044, 25.7052

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.



37.9844, 37.5452, 31.6134



32.1047, 37.5452, 46.6291



40.0212, 37.5452, 41.4304

Square

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



32.1047, 37.5452, 46.6291



37.6402, 37.5452, 52.4452



39.5233, 37.5452, 35.6246



33.7999, 37.5452, 31.1543

Rectangle

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



32.1047, 37.5452, 46.6291



34.7808, 37.5452, 53.6948



39.5233, 37.5452, 35.6246



36.6060, 37.5452, 30.2864

Sweetspot

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



32.1058, 37.5467, 46.6300



69.5342, 75.4054, 85.3852



29.4620, 37.7250, 28.8981



14.9809, 16.2856, 18.4982



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.1058, 37.5467, 46.6300



55.2934, 66.1320, 84.3458



28.3125, 29.9601, 45.3655



8.6753, 9.4969, 10.8822



14.9968, 20.7939, 33.3602



0.4910, 0.6925, 1.0560

Inverse Universe

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



33.6030, 28.7120, 42.8024



58.5090, 47.4489, 76.0599



34.2401, 35.2369, 26.8272



8.8161, 8.6331, 10.5299



17.8043, 8.6393, 25.1933



0.5698, 0.2757, 0.8434

Previews

White Background



This preview shows how the XYZ color 32.1047, 37.5452, 46.6291 looks on a white background.

Color Contrast Check

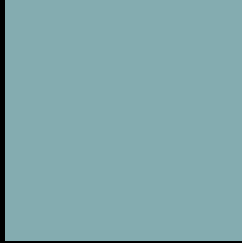
Large Text (above 18pt) WCAG AA × Fail

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 32.1047, 37.5452, 46.6291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

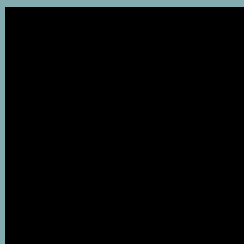
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

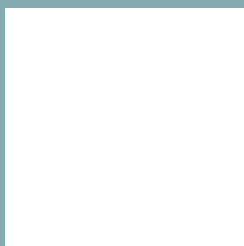
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.1047, 37.5452, 46.6291

Background



This preview shows how black text looks on a background with the XYZ color 32.1047, 37.5452, 46.6291.



This preview shows how white text looks on a background with the XYZ color 32.1047, 37.5452,

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

32.1047, 37.5452, 46.6291

Protanopia

35.9649, 37.1340, 43.8001

Deuteranopia

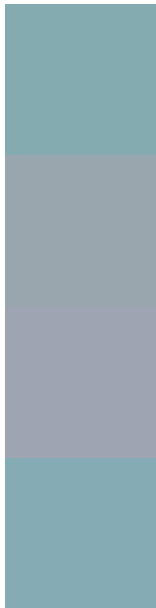
38.1630, 37.3950, 47.8544



Tritanopia

33.0462, 37.6548, 50.8738

Trichromacy



Original Color

32.1047, 37.5452, 46.6291

Protanomaly

34.3159, 37.0619, 44.8802

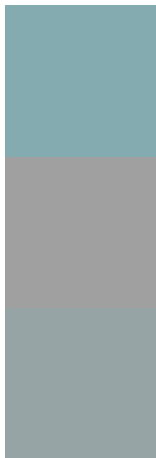
Deuteranomaly

35.6094, 37.1362, 47.4107

Tritanomaly

32.5763, 37.4486, 49.2274

Monochromacy



Original Color

32.1047, 37.5452, 46.6291

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.7361, 35.7881, 41.2588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1047, 37.5452, 46.6291 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(132, 172, 176)` looks like.

```
.text, #text, p{  
    color:rgb(132, 172, 176)  
}
```

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(132, 172, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 172, 176) }
```

Border

The CSS property to change the border of an element to XYZ 32.1047, 37.5452, 46.6291 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(132, 172, 176) }
```


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

```
.border{ border-color:rgb(132, 172, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 172, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 172, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 172, 176);  
box-shadow:4px 4px 4px 4px rgb(132, 172,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1047, 37.5452, 46.6291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 172, 176) }
```

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

```
.background{ background-color: rgb(132,  
172, 176) }
```

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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