

Converting Colors

XYZ(32.4737, 32.6759, 37.8532)

Have a look what the booklet for
XYZ(32.4737, 32.6759, 37.8532)
contains.

XYZ(32.4737, 32.6759, 37.8532)	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(32.4737, 32.6759,
37.8532)**

Conversions

Conversions Part 1

Format	Color
Hex	A298A0
RGB	162, 152, 160
RGB Percent	64%, 60%, 63%
CMY	0.3647, 0.4039, 0.3725
CMYK	0.00, 0.06, 0.01, 0.36
HSL	312°, 5%, 62%
HSV	312°, 6%, 64%
XYZ	32.4737, 32.6759, 37.8532
YIQ	155.9020, 3.3920, 4.6080

Conversions

Conversions Part 2

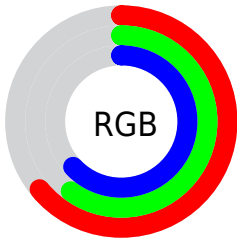
Format	Color
RYB	162, 152, 160
Decimal	10655904
CIELab	63.90, 5.16, -2.88
CIELCh	64, 5.905, 330.858
Yxy	32.6759, 0.3153, 0.3172
Android (android.graphics.Color)	4288845984 (0xFFA298A0)
YUV	155.9020, 2.0203, 5.3479
Hunter-Lab	57.1628, 1.3693, 0.7522

Details

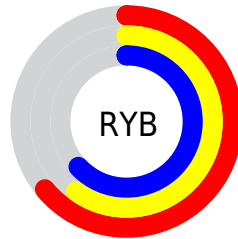
The XYZ color **32.4737, 32.6759, 37.8532** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.7032, 34.8501, 35.6294**, and the grayscale version is **31.5472, 33.1901, 36.1441**.

A 20% lighter version of the original color is **62.9523, 63.8006, 73.2868**, and **13.8444, 13.7265, 16.3878** is the 20% darker color. If you saturate the color by 10%, you get **29.7424, 27.6607, 35.5623**, and if you desaturate by 10%, it is **35.5734, 38.4152, 40.3042**.

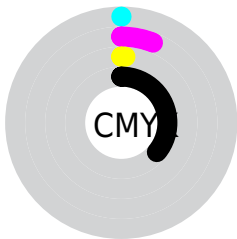
Distribution



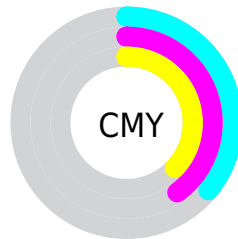
- Red (64%)
- Green (60%)
- Blue (63%)



- Red (64%)
- Yellow (60%)
- Blue (63%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (36%)



- Cyan (36%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4737, 32.6759, 37.8532 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 32.4737, 32.6759, 37.8532 by changing the saturation by 10% instead.

■ 32.4737, 32.6759,
37.8532

■ 32.4737, 32.6759,
37.8532

304.9786,
314.1868, 352.2691

■ 21.8809, 21.8783,
25.5678

■ 62.9132, 63.8692,
73.0840

■ 13.8855, 13.7675,
16.2777

■ 83.4905, 85.0337,
96.8665

■ 8.1222, 7.9591,
9.5644

108.1267,
110.4225, 125.3185

■ 4.2257, 4.0688,
5.0093

137.1872,
140.4202, 158.8584

■ 1.8306, 1.7121,
2.1939

171.0373,
175.4111, 197.9049

■ 0.5360, 0.4315,
0.6708

210.0423,

■ 0.0000, 0.0000,

215.7795, 242.8765

0.0000

254.5676,
261.9100, 294.1917

■ 32.4737, 32.6759,
37.8532

■ 32.4737, 32.6759,
37.8532

■ 29.7424, 27.6607,
35.5623

■ 35.5734, 38.4152,
40.3042

■ 27.3621, 23.3364,
33.4242

■ 39.0525, 44.9015,
42.9179

■ 25.3184, 19.6734,
31.4343

■ 42.9247, 52.1623,
45.6998

■ 23.5945, 16.6386,
29.5866

■ 47.2025, 60.2222,
48.6541

■ 22.1723, 14.1957,
27.8748

■ 51.8977, 69.1046,
51.7851

■ 21.0319, 12.3050,
26.2921

■ 57.0216, 78.8322,
55.0968

■ 20.1509, 10.9217,
24.8306

■ 59.1755, 82.6075,
57.4565

■ 19.5032, 9.9941,
23.4814

■ 59.5161, 82.7437,
59.2502

■ 19.0531, 9.4502,
22.2322

■ 59.8645, 82.8831,
61.0850

Harmonies

Analogous

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



31.8840, 32.6759, 39.6521



32.4737, 32.6759, 37.8532



32.6823, 32.6759, 35.5100

Triad

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



32.4737, 32.6759, 37.8532



31.0335, 32.6759, 31.1973



29.7062, 32.6759, 37.9770

Complementary

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



32.4737, 32.6759, 37.8532



31.7032, 34.8501, 35.6294

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.



29.4874, 32.6759, 35.6471



32.4737, 32.6759, 37.8532



30.2453, 32.6759, 31.7939

Square

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



32.4737, 32.6759, 37.8532



31.8419, 32.6759, 31.7304



29.6830, 32.6759, 33.3968



30.2860, 32.6759, 39.7258

Rectangle

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



32.4737, 32.6759, 37.8532



32.5743, 32.6759, 33.9743



29.6830, 32.6759, 33.3968



29.5885, 32.6759, 37.2324

Sweetspot

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



32.4746, 32.6773, 37.8539



61.1978, 63.4663, 70.5234



31.0776, 31.9367, 38.7094



13.7593, 14.2812, 15.8508



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



32.4746, 32.6773, 37.8539



58.4490, 58.3904, 68.3077



32.0460, 32.5059, 35.5969



7.4248, 7.4014, 8.6838



14.9069, 7.3188, 17.2322



0.3278, 0.1596, 0.4390

Inverse Universe

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



32.4746, 32.6773, 37.8539



58.4490, 58.3904, 68.3077



32.1283, 35.0201, 37.8680



7.4248, 7.4014, 8.6838



14.9069, 7.3188, 17.2322



0.3278, 0.1596, 0.4390

Previews

White Background



This preview shows how the XYZ color 32.4737, 32.6759, 37.8532 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 32.4737, 32.6759, 37.8532 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

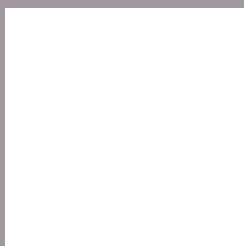
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.4737, 32.6759, 37.8532

Background



This preview shows how black text looks on a background with the XYZ color 32.4737, 32.6759, 37.8532.



This preview shows how white text looks on a background with the XYZ color 32.4737, 32.6759,

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

32.4737, 32.6759, 37.8532

Protanopia

31.6989, 32.7523, 38.3693

Deuteranopia

33.1879, 32.5662, 37.7944



Tritanopia

32.7817, 32.5641, 39.2080

Trichromacy



Original Color

32.4737, 32.6759, 37.8532

Protanomaly

31.9248, 32.6248, 38.3328

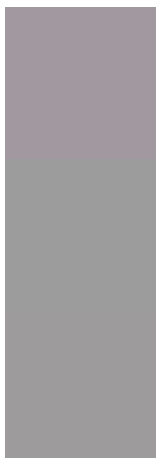
Deuteranomaly

32.9288, 32.6706, 37.8282

Tritanomaly

32.6925, 32.5284, 38.7379

Monochromacy



Original Color

32.4737, 32.6759, 37.8532

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.9077, 33.1461, 36.6144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4737, 32.6759, 37.8532 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(162, 152, 160)` looks like.

```
.text, #text, p{  
    color:rgb(162, 152, 160)  
}
```

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(162, 152, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 152, 160) }
```

Border

The CSS property to change the border of an element to XYZ 32.4737, 32.6759, 37.8532 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(162, 152, 160) }
```


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

```
.border{ border-color:rgb(162, 152, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 152, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 152, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 152, 160);  
box-shadow:4px 4px 4px 4px rgb(162, 152,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4737, 32.6759, 37.8532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 152, 160) }
```

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

```
.background{ background-color: rgb(162,  
152, 160) }
```

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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