

Converting Colors

XYZ(32.7666, 36.3982, 47.2404)

Have a look what the booklet for
XYZ(32.7666, 36.3982, 47.2404)
contains.

XYZ(32.8391, 36.5145, 47.4367)	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(32.8391, 36.5145,
47.4367)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA7B2
RGB	141, 167, 178
RGB Percent	55%, 65%, 70%
CMY	0.4471, 0.3451, 0.3020
CMYK	0.21, 0.06, 0.00, 0.30
HSL	198°, 19%, 63%
HSV	198°, 21%, 70%
XYZ	32.8391, 36.5145, 47.4367
YIQ	160.4800, -19.0270, -2.0910

Conversions

Conversions Part 2

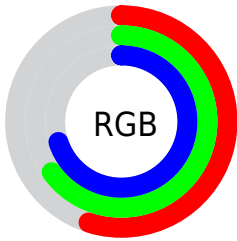
Format	Color
R_{YB}	141, 156, 178
Decimal	9283506
CIE _{Lab}	66.91, -6.53, -8.67
CIE _{LCh}	67, 10.849, 233.020
Yxy	36.5145, 0.2812, 0.3127
Android (android.graphics.Color)	4287473586 (0xFF8DA7B2)
YUV	160.4800, 8.6374, -17.0840
Hunter-Lab	60.4272, -8.7421, -4.2449

Details

The XYZ color **32.8391, 36.5145, 47.4367** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.3964, 33.8446, 29.9198**, and the grayscale version is **33.6037, 35.3537, 38.5002**.

A 20% lighter version of the original color is **63.4782, 69.7852, 87.9661**, and **14.0489, 15.9158, 21.7336** is the 20% darker color. If you saturate the color by 10%, you get **29.1030, 33.1797, 46.9905**, and if you desaturate by 10%, it is **37.1035, 40.1823, 47.9205**.

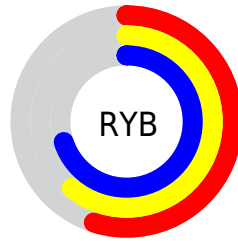
Distribution



Red (55%)

Green (65%)

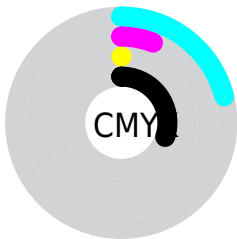
Blue (70%)



Red (55%)

Yellow (61%)

Blue (70%)

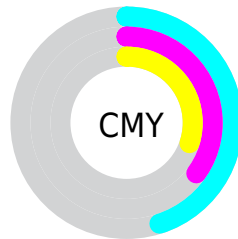


Cyan (21%)

Magenta (6%)

Yellow (0%)

Black (30%)



Cyan (45%)

Magenta (35%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8391, 36.5145, 47.4367 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 32.8391, 36.5145, 47.4367 by changing the saturation by 10% instead.

■ 32.8391, 36.5145,
47.4367

■ 32.8391, 36.5145,
47.4367

306.6019,
331.2038, 392.9991

■ 22.1619, 24.8318,
33.0242

■ 63.4806, 69.8254,
87.7219

■ 14.0931, 15.9518,
21.8737

■ 84.1756, 92.2225,
114.4317

■ 8.2676, 9.4900,
13.5667

■ 108.9405,
118.9598, 146.0777

■ 4.3199, 5.0622,
7.6846

138.1407,
150.4217, 183.0784

■ 1.8847, 2.2838,
3.8090

172.1416,
186.9927, 225.8523

■ 0.5679, 0.7651,
1.5211

211.3086,

■ 0.0000, 0.0000,

229.0571, 274.8180

0.2336

256.0069,
276.9993, 330.3941

■ 0.0000, 0.0000,
0.0000

■ 32.8391, 36.5145,
47.4367

■ 32.8391, 36.5145,
47.4367

■ 29.1030, 33.1797,
46.9905

■ 37.1035, 40.1823,
47.9205

■ 25.8683, 30.1607,
46.5783

■ 41.9150, 44.1909,
48.4406

■ 23.1105, 27.4450,
46.1995

■ 47.2955, 48.5530,
48.9990

■ 20.8017, 25.0175,
45.8526

■ 53.2647, 53.2795,
49.5967

■ 18.9107, 22.8615,
45.5361

■ 59.8413, 58.3806,
50.2347

■ 17.4023, 20.9579,
45.2482

■ 67.0432, 63.8663,
50.9140

■ 16.2348, 19.2846,
44.9867

■ 70.8784, 67.6791,
51.4478

■ 15.3812, 17.9049,
44.7654

■ 72.1577, 70.2379,
51.8742

■ 73.4803, 72.8829,
52.3151

Harmonies

Analogous

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



31.8774, 36.5145, 43.4040



32.8391, 36.5145, 47.4367



34.3232, 36.5145, 49.4371

Triad

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



32.8391, 36.5145, 47.4367



37.9388, 36.5145, 40.8684



33.4845, 36.5145, 31.9950

Complementary

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



32.8391, 36.5145, 47.4367



34.3964, 33.8446, 29.9198

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.



35.0915, 36.5145, 31.4328



32.8391, 36.5145, 47.4367



37.6971, 36.5145, 36.3222

Square

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



32.8391, 36.5145, 47.4367



37.2926, 36.5145, 45.4558



36.6422, 36.5145, 32.9563



32.2417, 36.5145, 34.5576

Rectangle

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



32.8391, 36.5145, 47.4367



35.4229, 36.5145, 49.2459



36.6422, 36.5145, 32.9563



33.9987, 36.5145, 31.5746

Sweetspot

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



32.8402, 36.5160, 47.4375



71.2431, 76.1922, 87.3328



32.5309, 39.7543, 35.4439



15.6609, 16.7777, 19.3353



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.



32.8402, 36.5160, 47.4375



56.2876, 63.3343, 85.6392



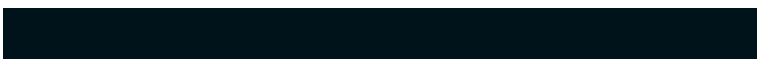
29.7712, 30.3780, 46.4145



8.5251, 9.1965, 10.8321



11.0621, 12.9245, 32.0486



0.3959, 0.5024, 1.0243

Inverse Universe

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



34.8609, 31.3056, 40.7661



60.6791, 52.3471, 71.0654



37.5401, 40.1320, 30.9677



8.7403, 8.6028, 10.1306



15.8183, 7.8449, 14.7349



0.5219, 0.2565, 0.5909

Previews

White Background



This preview shows how the XYZ color 32.8391, 36.5145, 47.4367 looks on a white background.

Color Contrast Check

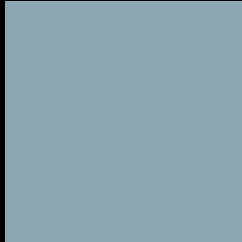
Large Text (above 18pt) WCAG AA × Fail

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 32.8391, 36.5145, 47.4367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

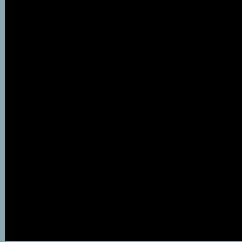
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

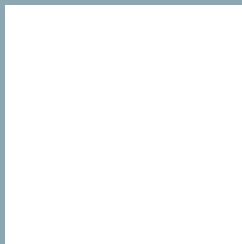
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.8391, 36.5145, 47.4367

Background



This preview shows how black text looks on a background with the XYZ color 32.8391, 36.5145, 47.4367.

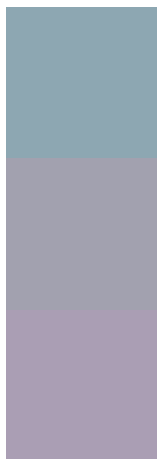


This preview shows how white text looks on a background with the XYZ color 32.8391, 36.5145,

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

32.8391, 36.5145, 47.4367

Protanopia

35.3830, 36.2663, 45.6926

Deuteranopia

37.0426, 36.2951, 48.2333



Tritanopia

33.0414, 36.5954, 48.5022

Trichromacy



Original Color

32.8391, 36.5145, 47.4367

Protanomaly

34.2601, 36.1990, 46.2557

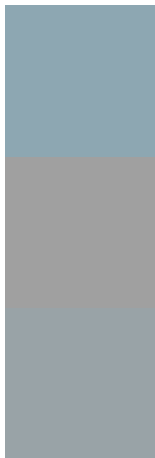
Deuteranomaly

35.1796, 36.1153, 47.7646

Tritanomaly

32.9399, 36.5548, 47.9675

Monochromacy



Original Color

32.8391, 36.5145, 47.4367

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.2091, 35.7567, 41.7106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8391, 36.5145, 47.4367 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(141, 167, 178)` looks like.

```
.text, #text, p{  
    color:rgb(141, 167, 178)  
}
```

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(141, 167, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 167, 178) }
```

Border

The CSS property to change the border of an element to XYZ 32.8391, 36.5145, 47.4367 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(141, 167, 178) }
```


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

```
.border{ border-color:rgb(141, 167, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 167, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 167, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 167, 178);  
box-shadow:4px 4px 4px 4px rgb(141, 167,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8391, 36.5145, 47.4367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 167, 178) }
```

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

```
.background{ background-color: rgb(141,  
167, 178) }
```

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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