

Converting Colors

XYZ(33.9433, 32.7487, 47.1800)

Have a look what the booklet for
XYZ(33.9433, 32.7487, 47.1800)
contains.

XYZ(33.9433, 32.7487, 47.1800)	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(33.9433, 32.7487,
47.1800)**

Conversions

Conversions Part 1

Format	Color
Hex	A296B3
RGB	162, 150, 179
RGB Percent	64%, 59%, 70%
CMY	0.3647, 0.4118, 0.2980
CMYK	0.09, 0.16, 0.00, 0.30
HSL	265°, 16%, 65%
HSV	265°, 16%, 70%
XYZ	33.9433, 32.7487, 47.1800
YIQ	156.8940, -2.1570, 11.5630

Conversions

Conversions Part 2

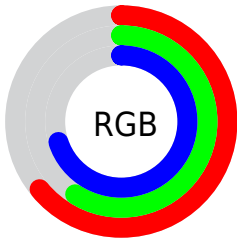
Format	Color
R_{YB}	162, 150, 179
Decimal	10655411
CIE _{Lab}	63.96, 10.10, -13.49
CIE _{LCh}	64, 16.847, 306.821
Yxy	32.7487, 0.2981, 0.2876
Android (android.graphics.Color)	4288845491 (0xFFA296B3)
YUV	156.8940, 10.8983, 4.4780
Hunter-Lab	57.2265, 5.7291, -8.8227

Details

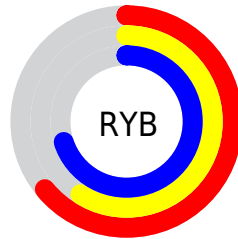
The XYZ color **33.9433, 32.7487, 47.1800** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.5626, 42.6586, 35.1098**, and the grayscale version is **31.9542, 33.6183, 36.6104**.

A 20% lighter version of the original color is **65.2035, 63.9356, 87.5015**, and **14.6581, 13.7450, 21.6192** is the 20% darker color. If you saturate the color by 10%, you get **29.2590, 26.4133, 46.2045**, and if you desaturate by 10%, it is **39.2438, 40.0512, 48.3107**.

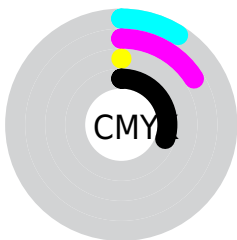
Distribution



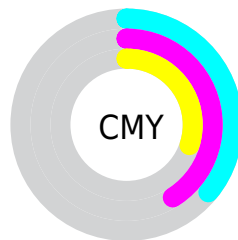
- Red (64%)
- Green (59%)
- Blue (70%)



- Red (64%)
- Yellow (59%)
- Blue (70%)



- Cyan (9%)
- Magenta (16%)
- Yellow (0%)
- Black (30%)



- Cyan (36%)
- Magenta (41%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9433, 32.7487, 47.1800 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 33.9433, 32.7487, 47.1800 by changing the saturation by 10% instead.

■ 33.9433, 32.7487,
47.1800

■ 33.9433, 32.7487,
47.1800

311.4695,
314.5158, 391.9471

■ 23.0127, 21.9340,
32.8226

■ 65.1904, 63.9830,
87.3350

■ 14.7237, 13.8084,
21.7206

■ 86.2376, 85.1714,
113.9698

■ 8.7107, 7.9875,
13.4554

111.3877,
110.5864, 145.5340

■ 4.6086, 4.0870,
7.6085

141.0061,
140.6126, 182.4463

■ 2.0519, 1.7223,
3.7613

175.4581,
175.6342, 225.1253

■ 0.6628, 0.4381,
1.4953

215.1091,

■ 0.0000, 0.0000,

216.0357, 273.9893

0.2144

260.3245,
262.2014, 329.4571

■ 0.0000, 0.0000,
0.0000

■ 33.9433, 32.7487,
47.1800

■ 33.9433, 32.7487,
47.1800

■ 29.2590, 26.4133,
46.2045

■ 39.2438, 40.0512,
48.3107

■ 25.1639, 20.9992,
45.3754

■ 45.1802, 48.3558,
49.6007

■ 21.6333, 16.4630,
44.6859

■ 51.7750, 57.7008,
51.0569

■ 18.6393, 12.7559,
44.1281

■ 59.0485, 68.1212,
52.6849

■ 16.1515, 9.8245,
43.6934

■ 67.0202, 79.6503,
54.4901

■ 14.1361, 7.6086,
43.3719

■ 74.9370, 90.7765,
56.2204

■ 12.5544, 6.0387,
43.1523

■ 78.3092, 92.5150,
56.3782

■ 11.3567, 5.0242,
43.0196

■ 81.8860, 94.3589,
56.5456

■ 10.9657, 4.7131,
42.9801

■ 85.1368, 96.0347,
56.6977

Harmonies

Analogous

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



31.6720, 32.7487, 50.2770



33.9433, 32.7487, 47.1800



35.5143, 32.7487, 41.0548

Triad

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



33.9433, 32.7487, 47.1800



32.9581, 32.7487, 24.9396



26.8107, 32.7487, 37.2331

Complementary

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



33.9433, 32.7487, 47.1800



37.5626, 42.6586, 35.1098

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.



27.1162, 32.7487, 30.7557



33.9433, 32.7487, 47.1800



30.5877, 32.7487, 24.1887

Square

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



33.9433, 32.7487, 47.1800



34.9256, 32.7487, 28.3827



28.4703, 32.7487, 26.1831



27.6137, 32.7487, 44.0805

Rectangle

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



33.9433, 32.7487, 47.1800



35.9104, 32.7487, 36.3876



28.4703, 32.7487, 26.1831



26.7878, 32.7487, 34.9377

Sweetspot

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



33.9443, 32.7501, 47.1807



71.4122, 73.2981, 86.7653



34.6076, 37.5241, 48.0672



15.6653, 16.0222, 19.1892



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.



33.9443, 32.7501, 47.1807



58.0573, 54.9295, 83.9237



36.9711, 34.3105, 47.3224



8.3640, 8.3961, 10.6861



7.8192, 3.3667, 30.3747



0.3131, 0.1405, 0.9589

Inverse Universe

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



36.4729, 34.1878, 41.2373



63.3828, 57.9590, 71.3362



34.7442, 41.2056, 34.9779



8.6983, 8.5860, 9.9097



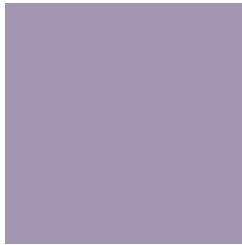
14.9694, 7.5053, 10.2647



0.4992, 0.2474, 0.4715

Previews

White Background



This preview shows how the XYZ color 33.9433, 32.7487, 47.1800 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 33.9433, 32.7487, 47.1800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

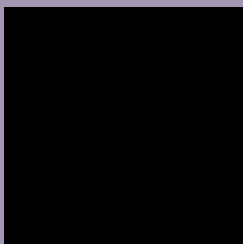
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.9433, 32.7487, 47.1800

Background



This preview shows how black text looks on a background with the XYZ color 33.9433, 32.7487, 47.1800.



This preview shows how white text looks on a background with the XYZ color 33.9433, 32.7487,

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

33.9433, 32.7487, 47.1800

Protanopia

32.4738, 32.9314, 48.3609

Deuteranopia

33.5014, 32.7588, 47.2052



Tritanopia

32.5170, 32.6467, 40.1849

Trichromacy



Original Color

33.9433, 32.7487, 47.1800

Protanomaly

32.9559, 32.9478, 47.8026

Deuteranomaly

33.7005, 32.8615, 47.2145

Tritanomaly

33.0202, 32.6126, 42.5847

Monochromacy



Original Color

33.9433, 32.7487, 47.1800

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.6452, 33.1987, 40.2847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9433, 32.7487, 47.1800 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, 150, 179)` looks like.

```
.text, #text, p{  
    color:rgb(162, 150, 179)  
}
```

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, 150, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 150, 179) }
```

Border

The CSS property to change the border of an element to XYZ 33.9433, 32.7487, 47.1800 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, 150, 179) }
```


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

```
.border{ border-color:rgb(162, 150, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 150, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 150, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 150, 179);  
box-shadow:4px 4px 4px 4px rgb(162, 150,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9433, 32.7487, 47.1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 150, 179) }
```

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

```
.background{ background-color: rgb(162,  
150, 179) }
```

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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