

Converting Colors

XYZ(35.9086, 37.2794, 47.9454)

Have a look what the booklet for
XYZ(35.9086, 37.2794, 47.9454)
contains.

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Color

**XYZ(35.9093, 37.2792,
47.9508)**

Conversions

Conversions Part 1

Format	Color
Hex	A0A4B3
RGB	160, 164, 179
RGB Percent	63%, 64%, 70%
CMY	0.3725, 0.3568, 0.2980
CMYK	0.11, 0.08, 0.00, 0.30
HSL	227°, 11%, 66%
HSV	227°, 11%, 70%
XYZ	35.9093, 37.2792, 47.9508
YIQ	164.5140, -7.1990, 3.8170

Conversions

Conversions Part 2

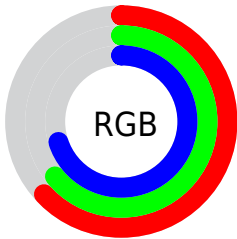
Format	Color
RYB	160, 163, 179
Decimal	10527923
CIELab	67.49, 1.61, -8.22
CIELCh	67, 8.377, 281.053
Yxy	37.2792, 0.2964, 0.3077
Android (android.graphics.Color)	4288718003 (0xFFA0A4B3)
YUV	164.5140, 7.1416, -3.9588
Hunter-Lab	61.0567, -1.8679, -3.8236

Details

The XYZ color **35.9093, 37.2792, 47.9508** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.2656, 42.7812, 39.3936**, and the grayscale version is **35.5019, 37.3508, 40.6750**.

A 20% lighter version of the original color is **68.3512, 71.1083, 88.7200**, and **15.7444, 16.2828, 22.0517** is the 20% darker color. If you saturate the color by 10%, you get **30.1959, 30.7873, 46.9994**, and if you desaturate by 10%, it is **42.4211, 44.6018, 49.0216**.

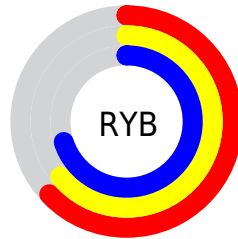
Distribution



Red (63%)

Green (64%)

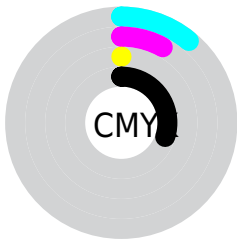
Blue (70%)



Red (63%)

Yellow (64%)

Blue (70%)

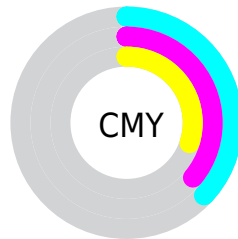


Cyan (11%)

Magenta (8%)

Yellow (0%)

Black (30%)



Cyan (37%)

Magenta (36%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9093, 37.2792, 47.9508 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 35.9093, 37.2792, 47.9508 by changing the saturation by 10% instead.

■ 35.9093, 37.2792,
47.9508

■ 35.9093, 37.2792,
47.9508

320.0021,
334.5177, 395.1002

■ 24.5339, 25.4237,
33.4282

■ 68.2168, 71.0020,
88.4959

■ 15.8570, 16.3930,
22.1809

■ 89.8797, 93.6381,
115.3556

■ 9.5133, 9.8027,
13.7903

115.7025,
120.6366, 147.1646

■ 5.1372, 5.2683,
7.8379

146.0505,
152.3817, 184.3416

■ 2.3636, 2.4056,
3.9051

181.2891,
189.2581, 227.3051

■ 0.8269, 0.8287,
1.5734

221.7837,

■ 0.0000, 0.0000,

231.6499, 276.4737

0.2718

267.8996,
279.9417, 332.2659

■ 0.0000, 0.0000,
0.0000

■ 35.9093, 37.2792,
47.9508

■ 35.9093, 37.2792,
47.9508

■ 30.1959, 30.7873,
46.9994

■ 42.4211, 44.6018,
49.0216

■ 25.2465, 25.0916,
46.1609

■ 49.7573, 52.7783,
50.2131

■ 21.0291, 20.1625,
45.4318

■ 57.9468, 61.8371,
51.5300

■ 17.5081, 15.9665,
44.8075

■ 67.0162, 71.8037,
52.9758

■ 14.6448, 12.4674,
44.2830

■ 76.9907, 82.7026,
54.5538

■ 12.3967, 9.6260,
43.8530

■ 83.1839, 92.1289,
56.0468

■ 10.7159, 7.3990,
43.5118

■ 85.1368, 96.0347,
56.6978

■ 9.5470, 5.7373,
43.2526

■ 8.8207, 4.6225,
43.0757

Harmonies

Analogous

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



34.6354, 37.2792, 47.6692



35.9093, 37.2792, 47.9508



37.0829, 37.2792, 46.1728

Triad

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



35.9093, 37.2792, 47.9508



37.3317, 37.2792, 36.1120



33.1435, 37.2792, 38.3330

Complementary

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



35.9093, 37.2792, 47.9508



40.2656, 42.7812, 39.3936

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.



33.8323, 37.2792, 35.4777



35.9093, 37.2792, 47.9508



36.2423, 37.2792, 34.2501

Square

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



35.9093, 37.2792, 47.9508



37.9172, 37.2792, 39.2471



34.9605, 37.2792, 34.0252



33.0592, 37.2792, 41.9646

Rectangle

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



35.9093, 37.2792, 47.9508



37.6425, 37.2792, 44.1182



34.9605, 37.2792, 34.0252



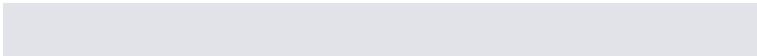
33.3112, 37.2792, 37.2565

Sweetspot

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



35.9104, 37.2808, 47.9516



72.9991, 76.5459, 87.3086



38.3443, 42.8049, 46.7392



15.9602, 16.7200, 19.3083



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.



35.9104, 37.2808, 47.9516



61.5124, 63.5977, 85.4147



36.3049, 36.4374, 47.7680



8.1823, 8.5107, 10.7178



6.2726, 3.3455, 30.4521



0.2392, 0.1890, 0.9721

Inverse Universe

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



37.8629, 37.4063, 40.3484



65.8027, 63.9164, 68.6976



39.8361, 43.7336, 39.6001



8.5672, 8.5336, 9.2193



13.4008, 6.8779, 2.0044



0.4428, 0.2249, 0.1743

Previews

White Background



This preview shows how the XYZ color 35.9093, 37.2792, 47.9508 looks on a white background.

Color Contrast Check

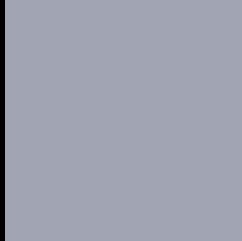
Large Text (above 18pt) WCAG AA × Fail

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 35.9093, 37.2792, 47.9508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

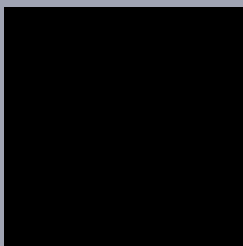
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

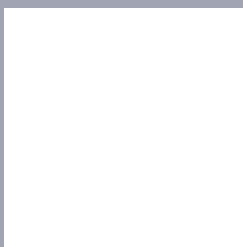
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.9093, 37.2792, 47.9508

Background



This preview shows how black text looks on a background with the XYZ color 35.9093, 37.2792, 47.9508.

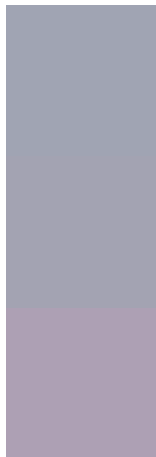


This preview shows how white text looks on a background with the XYZ color 35.9093, 37.2792,

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

35.9093, 37.2792, 47.9508

Protanopia

36.2373, 37.1953, 47.3890

Deuteranopia

38.0426, 37.3211, 48.3787



Tritanopia

35.7085, 37.1988, 46.8930

Trichromacy



Original Color

35.9093, 37.2792, 47.9508

Protanomaly

36.0334, 37.0901, 47.3794

Deuteranomaly

37.1315, 37.1099, 48.3859

Tritanomaly

35.8085, 37.2389, 47.4200

Monochromacy



Original Color

35.9093, 37.2792, 47.9508

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.8151, 37.5991, 43.3999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9093, 37.2792, 47.9508 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(160, 164, 179)` looks like.

```
.text, #text, p{  
    color:rgb(160, 164, 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(160, 164, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 164, 179) }
```

Border

The CSS property to change the border of an element to XYZ 35.9093, 37.2792, 47.9508 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(160, 164, 179) }
```


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

```
.border{ border-color:rgb(160, 164, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 164, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 164, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 164, 179);  
box-shadow:4px 4px 4px 4px rgb(160, 164,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9093, 37.2792, 47.9508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 164, 179) }
```

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

```
.background{ background-color: rgb(160,  
164, 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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