

Converting Colors

XYZ(42.6503, 42.7968, 62.5146)

Have a look what the booklet for
XYZ(42.6503, 42.7968, 62.5146)
contains.

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Color

**XYZ(42.7363, 42.9696,
62.5414)**

Conversions

Conversions Part 1

Format	Color
Hex	ACADCB
RGB	172, 173, 203
RGB Percent	67%, 68%, 80%
CMY	0.3255, 0.3216, 0.2039
CMYK	0.15, 0.15, 0.00, 0.20
HSL	238°, 23%, 74%
HSV	238°, 15%, 80%
XYZ	42.7363, 42.9696, 62.5414
YIQ	176.1210, -10.2260, 9.1180

Conversions

Conversions Part 2

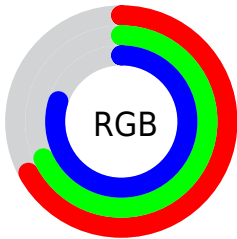
Format	Color
R _{YB}	172, 173, 203
Decimal	11316683
CIE Lab	71.53, 5.75, -15.33
CIE LCh	72, 16.372, 290.551
Yxy	42.9696, 0.2883, 0.2899
Android (android.graphics.Color)	4289506763 (0xFFACADCB)
YUV	176.1210, 13.2513, -3.6141
Hunter-Lab	65.5512, 1.6590, -10.6818

Details

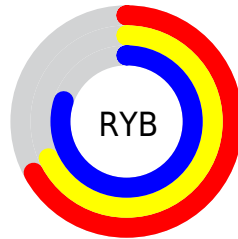
The XYZ color **42.7363, 42.9696, 62.5414** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.1957, 57.9158, 47.4058**, and the grayscale version is **41.2679, 43.4170, 47.2811**.

A 20% lighter version of the original color is **77.7883, 79.2008, 105.7951**, and **19.8699, 19.7666, 31.2018** is the 20% darker color. If you saturate the color by 10%, you get **35.1230, 33.8590, 61.1848**, and if you desaturate by 10%, it is **51.5866, 53.5422, 64.1163**.

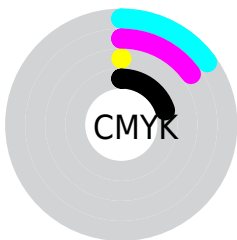
Distribution



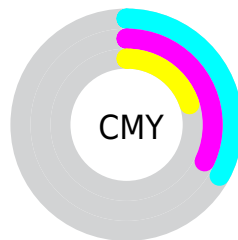
- Red (67%)
- Green (68%)
- Blue (80%)



- Red (67%)
- Yellow (68%)
- Blue (80%)



- Cyan (15%)
- Magenta (15%)
- Yellow (0%)
- Black (20%)



- Cyan (33%)
- Magenta (32%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7363, 42.9696, 62.5414 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 42.7363, 42.9696, 62.5414 by changing the saturation by 10% instead.

■ 42.7363, 42.9696,
62.5414

■ 42.7363, 42.9696,
62.5414

348.4661,
358.4867, 451.9653

■ 29.8719, 29.8613,
45.0317

■ 78.5710, 79.6650,
110.0868

■ 19.8890, 19.7333,
31.1393

102.2719,
104.0208, 140.9596

■ 12.4221, 12.2013,
20.4456

130.3158,
132.8946, 177.1238

■ 7.1061, 6.8809,
12.5321

163.0679,
166.6708, 218.9980

■ 3.5755, 3.3878,
6.9802

200.8937,
205.7336, 267.0007

■ 1.4649, 1.3374,
3.3715

244.1584,

■ 0.3018, 0.1699,

250.4677, 321.5504

1.2873

293.2274,
301.2572, 383.0658

■ 0.0000, 0.0000,
0.0513

■ 0.0000, 0.0000,
0.0000

■ 42.7363, 42.9696,
62.5414

■ 42.7363, 42.9696,
62.5414

■ 35.1230, 33.8590,
61.1848

■ 51.5866, 53.5422,
64.1163

■ 28.6880, 26.1411,
60.0343

■ 61.7214, 65.6315,
65.9156

■ 23.3734, 19.7489,
59.0806

■ 73.1904, 79.2960,
67.9487

■ 19.1154, 14.6078,
58.3127

■ 86.0398, 94.5894,
70.2234

■ 15.8432, 10.6357,
57.7184

■ 87.7796, 97.0918,
70.6147

■ 13.4778, 7.7409,
57.2843

■ 11.9279, 5.8179,
56.9949

■ 11.0829, 4.7401,
56.8314

■ 10.8508, 4.4543,
56.7884

Harmonies

Analogous

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



39.9747, 42.9696, 63.4712



42.7363, 42.9696, 62.5414



45.0859, 42.9696, 57.1435

Triad

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



42.7363, 42.9696, 62.5414



44.3135, 42.9696, 35.9862



35.8181, 42.9696, 44.3312

Complementary

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



42.7363, 42.9696, 62.5414



53.1957, 57.9158, 47.4058

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.



36.8718, 42.9696, 37.7634



42.7363, 42.9696, 62.5414



41.7203, 42.9696, 33.3166

Square

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



42.7363, 42.9696, 62.5414



46.0246, 42.9696, 41.6423



39.0032, 42.9696, 33.9283



36.0625, 42.9696, 52.3380

Rectangle

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



42.7363, 42.9696, 62.5414



46.0626, 42.9696, 52.0418



39.0032, 42.9696, 33.9283



36.0303, 42.9696, 41.8977

Sweetspot

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



42.7376, 42.9714, 62.5424



86.7034, 90.0407, 107.4176



49.0267, 55.7460, 64.0332



18.3166, 18.9841, 22.9489



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



42.7376, 42.9714, 62.5424



67.5638, 67.1719, 104.0122



45.8961, 44.3154, 62.6353



10.6303, 10.9011, 14.1142



6.9182, 2.8603, 36.1437



0.3673, 0.1684, 1.8681

Inverse Universe

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



46.9250, 45.2197, 45.7922



75.7708, 71.5923, 71.1800



49.6738, 56.4504, 47.3086



11.2268, 11.2194, 11.7288



15.7029, 8.0917, 0.8881



0.8154, 0.4195, 0.0735

Previews

White Background



This preview shows how the XYZ color 42.7363, 42.9696, 62.5414 looks on a white background.

Color Contrast Check

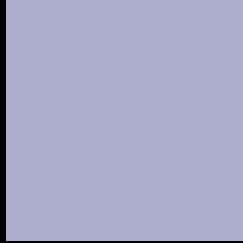
Large Text (above 18pt) WCAG AA × Fail

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 42.7363, 42.9696, 62.5414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

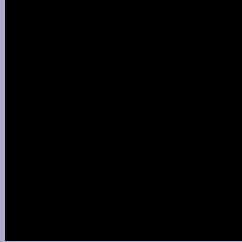
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7363, 42.9696, 62.5414

Background



This preview shows how black text looks on a background with the XYZ color 42.7363, 42.9696, 62.5414.



This preview shows how white text looks on a background with the XYZ color 42.7363, 42.9696,

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

42.7363, 42.9696, 62.5414

Protanopia

42.4931, 43.1299, 62.5852

Deuteranopia

43.9328, 43.0213, 62.4883



Tritanopia

41.0928, 42.8801, 54.2550

Trichromacy



Original Color

42.7363, 42.9696, 62.5414

Protanomaly

42.7101, 43.2418, 62.5954

Deuteranomaly

43.4365, 43.0470, 62.5195

Tritanomaly

41.6682, 42.8251, 57.1088

Monochromacy



Original Color

42.7363, 42.9696, 62.5414

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.8721, 43.3191, 52.6089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7363, 42.9696, 62.5414 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(172, 173, 203)` looks like.

```
.text, #text, p{  
    color:rgb(172, 173, 203)  
}
```

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(172, 173, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 173, 203) }
```

Border

The CSS property to change the border of an element to XYZ 42.7363, 42.9696, 62.5414 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(172, 173, 203) }
```


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

```
.border{ border-color:rgb(172, 173, 203) }
```

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

Here you see how a box with a 4 pixel rgb(172, 173, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 173, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 173, 203);  
box-shadow:4px 4px 4px 4px rgb(172, 173,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7363, 42.9696, 62.5414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 173, 203) }
```

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

```
.background{ background-color: rgb(172,  
173, 203) }
```

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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