

Converting Colors

XYZ(29.6654, 29.9726, 43.9920)

Have a look what the booklet for
XYZ(29.6654, 29.9726, 43.9920)
contains.

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Color

**XYZ(29.6536, 29.9043,
43.7444)**

Conversions

Conversions Part 1

Format	Color
Hex	9193AD
RGB	145, 147, 173
RGB Percent	57%, 58%, 68%
CMY	0.4314, 0.4235, 0.3216
CMYK	0.16, 0.15, 0.00, 0.32
HSL	236°, 15%, 62%
HSV	236°, 16%, 68%
XYZ	29.6536, 29.9043, 43.7444
YIQ	149.3660, -9.5380, 7.6620

Conversions

Conversions Part 2

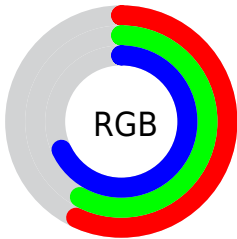
Format	Color
R_{YB}	145, 147, 173
Decimal	9540525
CIE _{Lab}	61.57, 4.76, -13.83
CIE _{LCh}	62, 14.628, 288.978
Yxy	29.9043, 0.2871, 0.2895
Android (android.graphics.Color)	4287730605 (0xFF9193AD)
YUV	149.3660, 11.6516, -3.8290
Hunter-Lab	54.6848, 1.0956, -9.1489

Details

The XYZ color **29.6536, 29.9043, 43.7444** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.9076, 40.0543, 32.5748**, and the grayscale version is **28.6772, 30.1707, 32.8559**.

A 20% lighter version of the original color is **58.4434, 59.5168, 81.8064**, and **12.3420, 12.3095, 19.8146** is the 20% darker color. If you saturate the color by 10%, you get **24.5084, 23.7997, 42.8378**, and if you desaturate by 10%, it is **35.6136, 36.9483, 44.7904**.

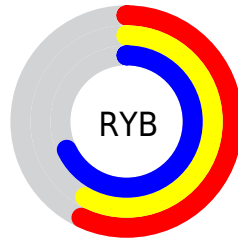
Distribution



Red (57%)

Green (58%)

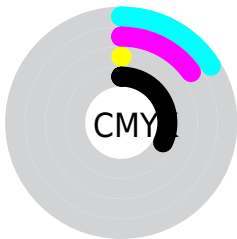
Blue (68%)



Red (57%)

Yellow (58%)

Blue (68%)

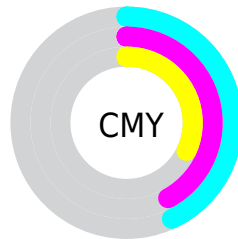


Cyan (16%)

Magenta (15%)

Yellow (0%)

Black (32%)



Cyan (43%)

Magenta (42%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6536, 29.9043, 43.7444 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 29.6536, 29.9043, 43.7444 by changing the saturation by 10% instead.

■ 29.6536, 29.9043,
43.7444

■ 29.6536, 29.9043,
43.7444

292.2253,
301.4581, 377.6750

■ 19.7226, 19.7660,
30.1339

■ 58.5043, 59.5108,
82.1314

■ 12.3006, 12.2250,
19.6873

■ 78.1547, 79.7478,
107.7449

■ 7.0224, 6.8971,
11.9862

101.7757,
104.1197, 138.1965

■ 3.5226, 3.3978,
6.6118

129.7325,
133.0110, 173.9048

■ 1.4358, 1.3428,
3.1458

162.3905,
166.8061, 215.2882

■ 0.2815, 0.1740,
1.1696

200.1150,

■ 0.0000, 0.0000,

205.8894, 262.7654

0.0000

243.2715,
250.6453, 316.7548

■ 29.6536, 29.9043,
43.7444

■ 29.6536, 29.9043,
43.7444

■ 24.5084, 23.7997,
42.8378

■ 35.6136, 36.9483,
44.7904

■ 20.1401, 18.5913,
42.0627

■ 42.4189, 44.9651,
45.9791

■ 16.5116, 14.2379,
41.4136

■ 50.1017, 53.9912,
47.3164

■ 13.5818, 10.6938,
40.8840

■ 58.6916, 64.0600,
48.8071

■ 11.3057, 7.9089,
40.4664

■ 68.2170, 75.2033,
50.4559

■ 9.6328, 5.8276,
40.1528

■ 78.7049, 87.4516,
52.2673

■ 8.5054, 4.3865,
39.9341

■ 84.5429, 95.7972,
53.5705

■ 7.8500, 3.5086,
39.7992

■ 7.6789, 3.2891,
39.7658

Harmonies

Analogous

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



27.7159, 29.9043, 44.2131



29.6536, 29.9043, 43.7444



31.3314, 29.9043, 40.0882

Triad

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



29.6536, 29.9043, 43.7444



30.9426, 29.9043, 25.1473



24.9166, 29.9043, 30.5605

Complementary

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



29.6536, 29.9043, 43.7444



36.9076, 40.0543, 32.5748

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.



25.7006, 29.9043, 26.0399



29.6536, 29.9043, 43.7444



29.1423, 29.9043, 23.1597

Square

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



29.6536, 29.9043, 43.7444



32.0987, 29.9043, 29.2085



27.2272, 29.9043, 23.4668



25.0395, 29.9043, 36.1600

Rectangle

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



29.6536, 29.9043, 43.7444



32.0494, 29.9043, 36.5455



27.2272, 29.9043, 23.4668



25.0813, 29.9043, 28.8766

Sweetspot

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



29.6545, 29.9055, 43.7451



65.0437, 67.6607, 80.4374



33.9402, 38.8351, 44.0693



13.9654, 14.5036, 17.4511



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.6545, 29.9055, 43.7451



50.0542, 49.9392, 77.8069



31.5085, 30.4033, 43.7434



7.6232, 7.8458, 10.0653



5.6582, 2.4503, 29.2192



0.1720, 0.0973, 0.8177

Inverse Universe

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



32.6262, 31.2424, 31.9159



56.2814, 52.7654, 53.0133



34.8202, 39.5438, 32.5863



8.0276, 8.0243, 8.4562



12.7196, 6.5504, 0.9032



0.3612, 0.1852, 0.0638

Previews

White Background



This preview shows how the XYZ color 29.6536, 29.9043, 43.7444 looks on a white background.

Color Contrast Check

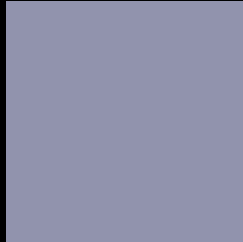
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6536, 29.9043, 43.7444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

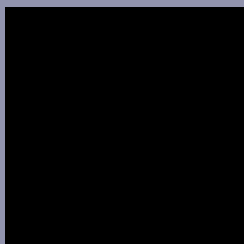
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.6536, 29.9043, 43.7444

Background



This preview shows how black text looks on a background with the XYZ color 29.6536, 29.9043, 43.7444.



This preview shows how white text looks on a background with the XYZ color 29.6536, 29.9043,

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

29.6536, 29.9043, 43.7444

Protanopia

29.4781, 29.8139, 43.7361

Deuteranopia

30.4307, 29.8472, 43.6924



Tritanopia

28.5082, 29.9077, 37.9884

Trichromacy



Original Color

29.6536, 29.9043, 43.7444

Protanomaly

29.4781, 29.8139, 43.7361

Deuteranomaly

30.2161, 29.9645, 43.7263

Tritanomaly

28.8830, 29.8257, 39.8319

Monochromacy



Original Color

29.6536, 29.9043, 43.7444

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.9742, 29.9443, 36.6005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6536, 29.9043, 43.7444 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(145, 147, 173)` looks like.

```
.text, #text, p{  
    color:rgb(145, 147, 173)  
}
```

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(145, 147, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 147, 173) }
```

Border

The CSS property to change the border of an element to XYZ 29.6536, 29.9043, 43.7444 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(145, 147, 173) }
```


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

```
.border{ border-color:rgb(145, 147, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 147, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 147, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 147, 173);  
box-shadow:4px 4px 4px 4px rgb(145, 147,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6536, 29.9043, 43.7444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 147, 173) }
```

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

```
.background{ background-color: rgb(145,  
147, 173) }
```

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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