

Converting Colors

XYZ(29.7163, 29.6614, 45.7540)

Have a look what the booklet for
XYZ(29.7163, 29.6614, 45.7540)
contains.

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Color

**XYZ(29.7163, 29.6614,
45.7540)**

Conversions

Conversions Part 1

Format	Color
Hex	9092B1
RGB	144, 146, 177
RGB Percent	56%, 57%, 69%
CMY	0.4353, 0.4274, 0.3059
CMYK	0.19, 0.18, 0.00, 0.31
HSL	236°, 17%, 63%
HSV	236°, 19%, 69%
XYZ	29.7163, 29.6614, 45.7540
YIQ	148.9360, -11.1430, 9.2170

Conversions

Conversions Part 2

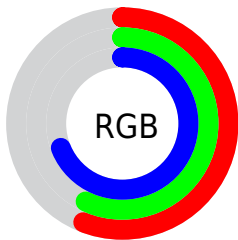
Format	Color
RYB	144, 146, 177
Decimal	9474737
CIELab	61.36, 5.90, -16.42
CIELCh	61, 17.451, 289.773
Yxy	29.6614, 0.2827, 0.2821
Android (android.graphics.Color)	4287664817 (0xFF9092B1)
YUV	148.9360, 13.8356, -4.3289
Hunter-Lab	54.4623, 2.0861, -11.6862

Details

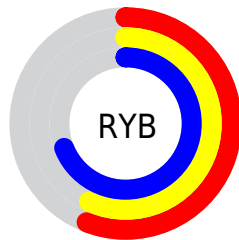
The XYZ color **29.7163, 29.6614, 45.7540** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.4957, 42.0206, 32.4681**, and the grayscale version is **28.4879, 29.9715, 32.6390**.

A 20% lighter version of the original color is **58.6510, 59.1975, 85.4258**, and **12.3352, 12.1481, 20.7635** is the 20% darker color. If you saturate the color by 10%, you get **24.4846, 23.4329, 44.8280**, and if you desaturate by 10%, it is **35.8073, 36.8877, 46.8283**.

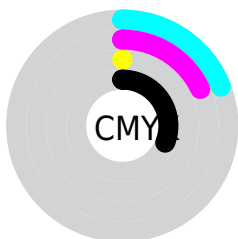
Distribution



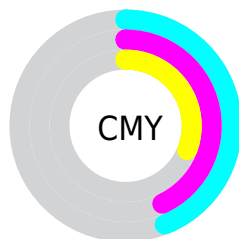
- Red (56%)
- Green (57%)
- Blue (69%)



- Red (56%)
- Yellow (57%)
- Blue (69%)



- Cyan (19%)
- Magenta (18%)
- Yellow (0%)
- Black (31%)



- Cyan (44%)
- Magenta (43%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7163, 29.6614, 45.7540 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 29.7163, 29.6614, 45.7540 by changing the saturation by 10% instead.

■ 29.7163, 29.6614,
45.7540

■ 29.7163, 29.6614,
45.7540

292.5134,
300.3230, 386.0676

■ 19.7704, 19.5817,
31.7045

■ 58.6029, 59.1263,
85.1811

■ 12.3355, 12.0914,
20.8729

■ 78.2744, 79.2803,
111.3958

■ 7.0464, 6.8059,
12.8408

101.9183,
103.5612, 142.5026

■ 3.5377, 3.3410,
7.1896

129.9001,
132.3534, 178.9201

■ 1.4441, 1.3123,
3.5007

162.5852,
166.0413, 221.0668

■ 0.2873, 0.1507,
1.3556

200.3389,

■ 0.0000, 0.0000,

205.0092, 269.3612

0.1067

243.5265,
249.6417, 324.2220

■ 0.0000, 0.0000,
0.0000

■ 29.7163, 29.6614,
45.7540

■ 29.7163, 29.6614,
45.7540

■ 24.4846, 23.4329,
44.8280

■ 35.8073, 36.8877,
46.8283

■ 20.0710, 18.1550,
44.0419

■ 42.7909, 45.1491,
48.0548

■ 16.4348, 13.7819,
43.3894

■ 50.7021, 54.4855,
49.4399

■ 13.5308, 10.2627,
42.8632

■ 59.5732, 64.9336,
50.9891

■ 11.3094, 7.5415,
42.4551

■ 69.4349, 76.5282,
52.7073

■ 9.7145, 5.5558,
42.1558

■ 80.3164, 89.3029,
54.5995

■ 8.6811, 4.2335,
41.9551

■ 84.9359, 95.9544,
55.6399

■ 8.1098, 3.4775,
41.8393

■ 8.0526, 3.4077,
41.8288

Harmonies

Analogous

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



27.4137, 29.6614, 46.4462



29.7163, 29.6614, 45.7540



31.7085, 29.6614, 41.1939

Triad

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



29.7163, 29.6614, 45.7540



31.1485, 29.6614, 23.5526



24.0569, 29.6614, 30.0975

Complementary

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



29.7163, 29.6614, 45.7540



38.4957, 42.0206, 32.4681

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.



24.9461, 29.6614, 24.7819



29.7163, 29.6614, 45.7540



28.9854, 29.6614, 21.3586

Square

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



29.7163, 29.6614, 45.7540



32.5660, 29.6614, 28.1949



26.7213, 29.6614, 21.7758



24.2288, 29.6614, 36.7772

Rectangle

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



29.7163, 29.6614, 45.7540



32.5528, 29.6614, 36.8801



26.7213, 29.6614, 21.7758



24.2397, 29.6614, 28.1088

Sweetspot

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



29.7172, 29.6626, 45.7547



67.1529, 69.6448, 84.3988



34.9426, 40.4614, 46.4232



14.3887, 14.8985, 18.2617



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.7172, 29.6626, 45.7547



49.5483, 48.7556, 81.2946



32.0694, 30.4211, 45.7771



8.0820, 8.3101, 10.6844



5.8505, 2.5014, 30.3114



0.1977, 0.1059, 0.9583

Inverse Universe

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



33.2938, 31.3697, 31.4957



57.0460, 52.3650, 51.3960



35.7997, 41.2134, 32.4544



8.5166, 8.5133, 8.9527



13.1877, 6.7926, 0.8825



0.4218, 0.2165, 0.0640

Previews

White Background



This preview shows how the XYZ color 29.7163, 29.6614, 45.7540 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 29.7163, 29.6614, 45.7540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

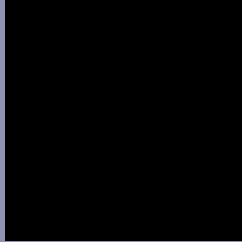
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.7163, 29.6614, 45.7540

Background



This preview shows how black text looks on a background with the XYZ color 29.7163, 29.6614, 45.7540.



This preview shows how white text looks on a background with the XYZ color 29.7163, 29.6614,

45.7540.

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

29.7163, 29.6614, 45.7540

Protanopia

29.5249, 29.7925, 45.7894

Deuteranopia

30.2740, 29.7210, 45.7361



Tritanopia

28.1650, 29.7308, 37.9724

Trichromacy



Original Color

29.7163, 29.6614, 45.7540

Protanomaly

29.6972, 29.8814, 45.7974

Deuteranomaly

30.0938, 29.6282, 45.7277

Tritanomaly

28.7203, 29.7206, 40.7821

Monochromacy



Original Color

29.7163, 29.6614, 45.7540

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.8805, 29.8861, 37.0473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7163, 29.6614, 45.7540 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(144, 146, 177)` looks like.

```
.text, #text, p{  
    color:rgb(144, 146, 177)  
}
```

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(144, 146, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 146, 177) }
```

Border

The CSS property to change the border of an element to XYZ 29.7163, 29.6614, 45.7540 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(144, 146, 177) }
```


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

```
.border{ border-color:rgb(144, 146, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 146, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 146, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 146, 177);  
box-shadow:4px 4px 4px 4px rgb(144, 146,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7163, 29.6614, 45.7540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 146, 177) }
```

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

```
.background{ background-color: rgb(144,  
146, 177) }
```

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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