

Converting Colors

XYZ(24.9503, 26.2383, 47.6884)

Have a look what the booklet for
XYZ(24.9503, 26.2383, 47.6884)
contains.

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Color

**XYZ(24.9529, 26.2596,
47.4695)**

Conversions

Conversions Part 1

Format	Color
Hex	728EB5
RGB	114, 142, 181
RGB Percent	45%, 56%, 71%
CMY	0.5529, 0.4431, 0.2902
CMYK	0.37, 0.22, 0.00, 0.29
HSL	215°, 31%, 58%
HSV	215°, 37%, 71%
XYZ	24.9529, 26.2596, 47.4695
YIQ	138.0740, -29.2070, 6.1930

Conversions

Conversions Part 2

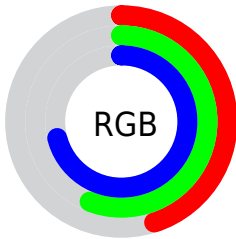
Format	Color
R_{YB}	114, 134, 181
Decimal	7507637
CIE _{Lab}	58.28, -0.03, -23.58
CIE _{LCh}	58, 23.579, 269.937
Yxy	26.2596, 0.2529, 0.2661
Android (android.graphics.Color)	4285697717 (0xFF728EB5)
YUV	138.0740, 21.1625, -21.1129
Hunter-Lab	51.2441, -2.7581, -19.0518

Details

The XYZ color **24.9529, 26.2596, 47.4695** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **33.4851, 33.8216, 20.6838**, and the grayscale version is **24.1162, 25.3721, 27.6302**.

A 20% lighter version of the original color is **51.1744, 53.9191, 87.8310**, and **9.7100, 10.2369, 21.8862** is the 20% darker color. If you saturate the color by 10%, you get **21.3334, 22.1761, 46.8725**, and if you desaturate by 10%, it is **29.1882, 30.8817, 48.1389**.

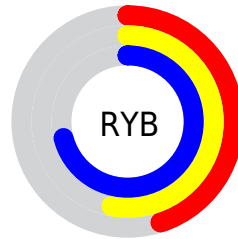
Distribution



Red (45%)

Green (56%)

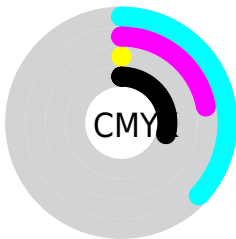
Blue (71%)



Red (45%)

Yellow (53%)

Blue (71%)

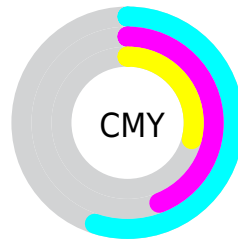


Cyan (37%)

Magenta (22%)

Yellow (0%)

Black (29%)



Cyan (55%)

Magenta (44%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9529, 26.2596, 47.4695 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 24.9529, 26.2596, 47.4695 by changing the saturation by 10% instead.

■ 24.9529, 26.2596,
47.4695

■ 24.9529, 26.2596,
47.4695

269.9553,
284.0541, 393.1334

■ 16.1705, 17.0179,
33.0500

■ 51.0242, 53.6934,
87.7713

■ 9.7365, 10.2473,
21.8933

■ 69.0439, 72.6544,
114.4907

■ 5.2855, 5.5632,
13.5809

■ 90.8734, 95.6240,
146.1471

■ 2.4522, 2.5814,
7.6944

116.8780,
122.9865, 183.1590

■ 0.8712, 0.9173,
3.8151

147.4232,
155.1264, 225.9451

■ 0.0000, 0.0000,
1.5244

182.8742,

■ 0.0000, 0.0000,

192.4280, 274.9238

0.2360

223.5964,
235.2758, 330.5137

■ 0.0000, 0.0000,
0.0000

■ 24.9529, 26.2596,
47.4695

■ 24.9529, 26.2596,
47.4695

■ 21.3334, 22.1761,
46.8725

■ 29.1882, 30.8817,
48.1389

■ 18.2953, 18.6056,
46.3435

■ 34.0660, 36.0602,
48.8814

■ 15.8048, 15.5251,
45.8801

■ 39.6144, 41.8159,
49.6999

■ 13.8230, 12.9076,
45.4794

■ 45.8591, 48.1673,
50.5967

■ 12.3050, 10.7232,
45.1378

■ 52.8243, 55.1323,
51.5740

■ 11.1889, 8.9326,
44.8510

■ 60.5331, 62.7277,
52.6337

■ 10.9006, 8.4562,
44.7742

■ 69.0075, 70.9698,
53.7780

■ 76.8554, 79.1458,
54.9425

■ 79.8138, 85.0626,
55.9286

Harmonies

Analogous

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



22.2974, 26.2596, 44.5528



24.9529, 26.2596, 47.4695



27.8131, 26.2596, 44.5762

Triad

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



24.9529, 26.2596, 47.4695



30.0486, 26.2596, 21.4134



20.4844, 26.2596, 21.3886

Complementary

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



24.9529, 26.2596, 47.4695



33.4851, 33.8216, 20.6838

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.



22.3071, 26.2596, 16.9747



24.9529, 26.2596, 47.4695



27.8244, 26.2596, 16.9870

Square

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



24.9529, 26.2596, 47.4695



30.8890, 26.2596, 28.6096



24.9650, 26.2596, 15.5295



19.8411, 26.2596, 28.5749

Rectangle

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



24.9529, 26.2596, 47.4695



29.4213, 26.2596, 40.0081



24.9650, 26.2596, 15.5295



20.9723, 26.2596, 19.5851

Sweetspot

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



24.9538, 26.2606, 47.4701



66.6567, 70.4659, 88.3827



29.1287, 38.8916, 35.6638



14.1212, 14.9339, 19.0605



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.



24.9538, 26.2606, 47.4701



39.5919, 41.3021, 84.1800



21.8933, 19.2560, 46.2794



8.3241, 8.7943, 10.7651



7.5799, 5.9601, 30.8879



0.2967, 0.3039, 0.9913

Inverse Universe

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



29.9566, 23.8122, 28.6096



49.9863, 37.0041, 44.8163



37.5870, 43.5556, 22.3464



8.6388, 8.5622, 9.5962



14.0606, 7.1418, 5.4792



0.4718, 0.2365, 0.3271

Previews

White Background



This preview shows how the XYZ color 24.9529, 26.2596, 47.4695 looks on a white background.

Color Contrast Check

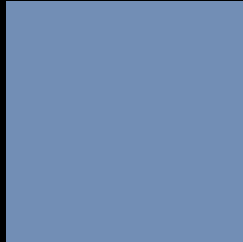
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9529, 26.2596, 47.4695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

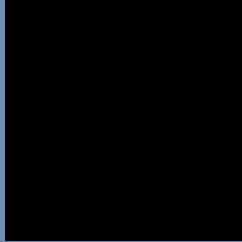
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.9529, 26.2596, 47.4695

Background



This preview shows how black text looks on a background with the XYZ color 24.9529, 26.2596, 47.4695.



This preview shows how white text looks on a background with the XYZ color 24.9529, 26.2596,

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

24.9529, 26.2596, 47.4695

Protanopia

26.3303, 26.1371, 45.7767

Deuteranopia

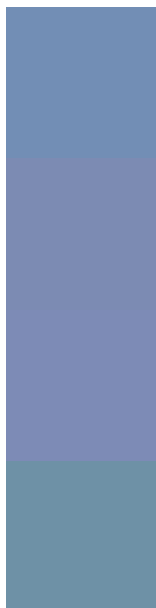
26.7492, 26.0940, 47.8828



Tritanopia

22.6348, 26.2145, 36.2147

Trichromacy



Original Color

24.9529, 26.2596, 47.4695

Protanomaly

25.6815, 26.0050, 46.3137

Deuteranomaly

26.1336, 26.2026, 47.9362

Tritanomaly

23.4387, 26.3190, 39.9211

Monochromacy



Original Color

24.9529, 26.2596, 47.4695

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.1186, 25.4655, 34.2160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9529, 26.2596, 47.4695 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(114, 142, 181)` looks like.

```
.text, #text, p{  
    color:rgb(114, 142, 181)  
}
```

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(114, 142, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 142, 181) }
```

Border

The CSS property to change the border of an element to XYZ 24.9529, 26.2596, 47.4695 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(114, 142, 181) }
```


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

```
.border{ border-color:rgb(114, 142, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 142, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 142, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 142, 181);  
box-shadow:4px 4px 4px 4px rgb(114, 142,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9529, 26.2596, 47.4695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 142, 181) }
```

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

```
.background{ background-color: rgb(114,  
142, 181) }
```

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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