

Converting Colors

XYZ(24.7542, 21.6009, 49.3193)

Have a look what the booklet for
XYZ(24.7542, 21.6009, 49.3193)
contains.

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Color

**XYZ(24.6657, 21.4846,
49.3013)**

Conversions

Conversions Part 1

Format	Color
Hex	8277BA
RGB	130, 119, 186
RGB Percent	51%, 47%, 73%
CMY	0.4902, 0.5333, 0.2706
CMYK	0.30, 0.36, 0.00, 0.27
HSL	250°, 33%, 60%
HSV	250°, 36%, 73%
XYZ	24.6657, 21.4846, 49.3013
YIQ	129.9270, -14.9510, 23.1690

Conversions

Conversions Part 2

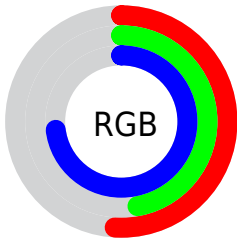
Format	Color
R_{YB}	130, 119, 186
Decimal	8550330
CIE _{Lab}	53.48, 19.46, -33.79
CIE _{LCh}	53, 38.995, 299.937
Yxy	21.4846, 0.2584, 0.2251
Android (android.graphics.Color)	4286740410 (0xFF8277BA)
YUV	129.9270, 27.6440, 0.0640
Hunter-Lab	46.3515, 13.8727, -30.6172

Details

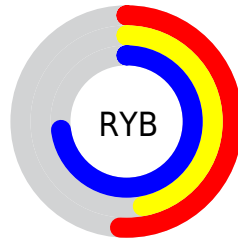
The XYZ color **24.6657, 21.4846, 49.3013** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **38.5681, 45.5640, 24.2154**, and the grayscale version is **21.1021, 22.2011, 24.1770**.

A 20% lighter version of the original color is **50.3571, 45.7270, 90.1765**, and **9.5600, 7.7921, 22.8300** is the 20% darker color. If you saturate the color by 10%, you get **20.4579, 16.3450, 48.5314**, and if you desaturate by 10%, it is **29.6686, 27.6780, 50.2334**.

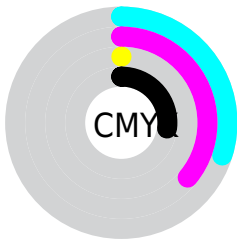
Distribution



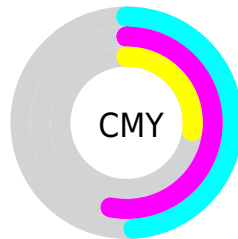
- Red (51%)
- Green (47%)
- Blue (73%)



- Red (51%)
- Yellow (47%)
- Blue (73%)



- Cyan (30%)
- Magenta (36%)
- Yellow (0%)
- Black (27%)



- Cyan (49%)
- Magenta (53%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6657, 21.4846, 49.3013 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 24.6657, 21.4846, 49.3013 by changing the saturation by 10% instead.

■ 24.6657, 21.4846,
49.3013

■ 24.6657, 21.4846,
49.3013

268.5474,
259.8428, 400.5838

■ 15.9556, 13.4787,
34.4913

■ 50.5612, 45.8927,
90.5244

■ 9.5834, 7.7590,
22.9908

■ 68.4772, 63.0636,
117.7745

■ 5.1837, 3.9411,
14.3815

■ 90.1926, 84.0583,
150.0085

■ 2.3913, 1.6407,
8.2447

116.0728,
109.2613, 187.6447

■ 0.8408, 0.3848,
4.1619

146.4830,
139.0568, 231.1018

■ 0.0000, 0.0000,
1.7146

181.7886,

■ 0.0000, 0.0000,

173.8293, 280.7984

0.3707

222.3549,
213.9631, 337.1528

■ 0.0000, 0.0000,
0.0000

■ 24.6657, 21.4846,
49.3013

■ 24.6657, 21.4846,
49.3013

■ 20.4579, 16.3450,
48.5314

■ 29.6686, 27.6780,
50.2334

■ 17.0013, 12.1976,
47.9131

■ 35.5026, 34.9770,
51.3348

■ 14.2513, 8.9783,
47.4366

■ 42.2043, 43.4333,
52.6138

■ 12.1576, 6.6142,
47.0907

■ 49.8077, 53.0942,
54.0778

■ 10.6627, 5.0214,
46.8620

■ 58.3446, 64.0047,
55.7338

■ 9.6965, 4.0942,
46.7339

■ 67.8453, 76.2072,
57.5884

■ 9.4143, 3.8294,
46.6977

■ 78.3390, 89.7422,
59.6478

■ 85.6320, 96.2061,
60.5111

■ 85.8630, 96.3252,
60.5219

Harmonies

Analogous

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



20.4116, 21.4846, 54.4835



24.6657, 21.4846, 49.3013



28.1318, 21.4846, 36.8060

Triad

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



24.6657, 21.4846, 49.3013



24.6831, 21.4846, 8.6681



13.4369, 21.4846, 23.3678

Complementary

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



24.6657, 21.4846, 49.3013



38.5681, 45.5640, 24.2154

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.



14.2653, 21.4846, 13.7131



24.6657, 21.4846, 49.3013



20.4293, 21.4846, 7.1773

Square

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



24.6657, 21.4846, 49.3013



28.1427, 21.4846, 13.7439



16.6926, 21.4846, 8.6551



14.2583, 21.4846, 36.7467

Rectangle

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



24.6657, 21.4846, 49.3013



29.3250, 21.4846, 27.6166



16.6926, 21.4846, 8.6551



13.5300, 21.4846, 19.6237

Sweetspot

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



24.6665, 21.4854, 49.3018



70.0273, 70.5463, 94.1274



31.9868, 38.4987, 52.1999



15.0612, 15.0816, 20.6598



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



24.6665, 21.4854, 49.3018



38.7183, 31.6135, 88.2627



30.4726, 24.4786, 49.5735



8.6549, 8.7884, 11.3196



6.3771, 2.5987, 31.4186



0.2679, 0.1138, 1.1096

Inverse Universe

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



34.5848, 26.7285, 43.8937



59.4147, 42.5664, 76.4234



32.1219, 42.2409, 23.9137



9.3159, 9.1367, 11.0109



17.6533, 8.6351, 21.8587



0.6394, 0.3112, 0.8605

Previews

White Background



This preview shows how the XYZ color 24.6657, 21.4846, 49.3013 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 24.6657, 21.4846, 49.3013 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 24.6657, 21.4846, 49.3013

Background



This preview shows how black text looks on a background with the XYZ color 24.6657, 21.4846, 49.3013.



This preview shows how white text looks on a background with the XYZ color 24.6657, 21.4846,

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

24.6657, 21.4846, 49.3013

Protanopia

22.6905, 21.6866, 52.2802

Deuteranopia

22.0668, 21.6427, 48.3618



Tritanopia

20.2562, 21.5577, 27.5195

Trichromacy



Original Color

24.6657, 21.4846, 49.3013

Protanomaly

23.2077, 21.4174, 51.0549

Deuteranomaly

22.9040, 21.4955, 48.8408

Tritanomaly

21.6465, 21.3526, 34.4331

Monochromacy



Original Color

24.6657, 21.4846, 49.3013

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.1718, 21.8695, 31.9068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6657, 21.4846, 49.3013 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(130, 119, 186)` looks like.

```
.text, #text, p{  
    color:rgb(130, 119, 186)  
}
```

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(130, 119, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 119, 186) }
```

Border

The CSS property to change the border of an element to XYZ 24.6657, 21.4846, 49.3013 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(130, 119, 186) }
```


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

```
.border{ border-color:rgb(130, 119, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 119, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 119, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 119, 186); box-shadow:4px 4px 4px 4px rgb(130, 119, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6657, 21.4846, 49.3013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 119, 186) }
```

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

```
.background{ background-color: rgb(130,  
119, 186) }
```

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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