

Converting Colors

XYZ(26.2584, 21.7830, 62.8808)

Have a look what the booklet for
XYZ(26.2584, 21.7830, 62.8808)
contains.

XYZ(26.2992, 21.8454, 63.1521)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.2992, 21.8454,
63.1521)**

Conversions

Conversions Part 1

Format	Color
Hex	7C76D1
RGB	124, 118, 209
RGB Percent	49%, 46%, 82%
CMY	0.5137, 0.5372, 0.1804
CMYK	0.41, 0.44, 0.00, 0.18
HSL	244°, 50%, 64%
HSV	244°, 44%, 82%
XYZ	26.2992, 21.8454, 63.1521
YIQ	130.1680, -25.6350, 29.5730

Conversions

Conversions Part 2

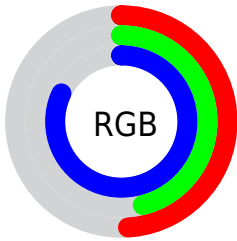
Format	Color
RYB	124, 118, 209
Decimal	8156881
CIELab	53.86, 24.68, -46.34
CIElCh	54, 52.502, 298.043
Yxy	21.8454, 0.2363, 0.1963
Android (android.graphics.Color)	4286346961 (0xFF7C76D1)
YUV	130.1680, 38.8642, -5.4093
Hunter-Lab	46.7391, 18.6453, -47.3931

Details

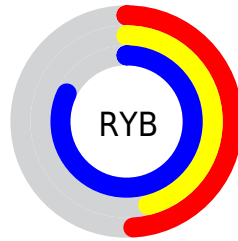
The XYZ color **26.2992, 21.8454, 63.1521** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **50.6992, 59.6058, 25.9731**, and the grayscale version is **21.1515, 22.2530, 24.2336**.

A 20% lighter version of the original color is **51.2471, 45.6727, 100.7224**, and **10.4771, 7.9786, 31.5597** is the 20% darker color. If you saturate the color by 10%, you get **21.5578, 16.1437, 62.3019**, and if you desaturate by 10%, it is **32.1460, 28.9270, 64.2113**.

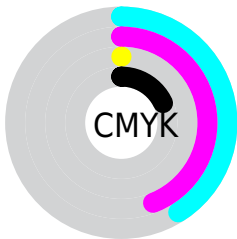
Distribution



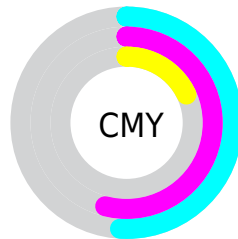
- Red (49%)
- Green (46%)
- Blue (82%)



- Red (49%)
- Yellow (46%)
- Blue (82%)



- Cyan (41%)
- Magenta (44%)
- Yellow (0%)
- Black (18%)



- Cyan (51%)
- Magenta (54%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2992, 21.8454, 63.1521 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 26.2992, 21.8454, 63.1521 by changing the saturation by 10% instead.

■ 26.2992, 21.8454,
63.1521

■ 26.2992, 21.8454,
63.1521

276.4776,
261.7379, 454.2444

■ 17.1815, 13.7433,
45.5225

■ 53.1851, 46.4903,
110.9766

■ 10.4601, 7.9424,
31.5232

■ 71.6840, 63.8020,
142.0086

■ 5.7696, 4.0581,
20.7358

■ 94.0406, 84.9524,
178.3451

■ 2.7448, 1.7061,
12.7417

120.6204,
110.3258, 220.4046

■ 1.0203, 0.4276,
7.1223

151.7886,
140.3066, 268.6058

■ 0.0000, 0.0000,
3.4591

187.9106,

■ 0.0000, 0.0000,

175.2793, 323.3671

1.3336

229.3518,
215.6283, 385.1072

■ 0.0000, 0.0000,
0.0891

■ 0.0000, 0.0000,
0.0000

■ 26.2992, 21.8454,
63.1521

■ 26.2992, 21.8454,
63.1521

■ 21.5578, 16.1437,
62.3019

■ 32.1460, 28.9270,
64.2113

■ 17.8498, 11.7297,
61.6453

■ 39.1591, 37.4681,
65.4902

■ 15.0984, 8.5035,
61.1676

■ 47.3981, 47.5448,
67.0010

■ 13.2152, 6.3496,
60.8511

■ 56.9176, 59.2273,
68.7542

■ 12.0953, 5.1292,
60.6746

■ 67.7691, 72.5818,
70.7599

■ 11.6865, 4.6951,
60.6124

■ 80.0012, 87.6702,
73.0276

■ 88.5087, 97.3835,
74.4540

Harmonies

Analogous

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



20.3948, 21.8454, 70.3785



26.2992, 21.8454, 63.1521



31.4081, 21.8454, 44.3380

Triad

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



26.2992, 21.8454, 63.1521



27.0583, 21.8454, 5.9528



11.6909, 21.8454, 22.7396

Complementary

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



26.2992, 21.8454, 63.1521



50.6992, 59.6058, 25.9731

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.



12.8448, 21.8454, 10.8295



26.2992, 21.8454, 63.1521



21.1364, 21.8454, 4.2759

Square

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



26.2992, 21.8454, 63.1521



31.8993, 21.8454, 11.9550



16.0646, 21.8454, 5.5409



12.5775, 21.8454, 41.6099

Rectangle

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



26.2992, 21.8454, 63.1521



33.3034, 21.8454, 30.8290



16.0646, 21.8454, 5.5409



11.8479, 21.8454, 17.9066

Sweetspot

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



26.3001, 21.8462, 63.1526



74.8831, 75.2360, 105.1830



40.6804, 51.8555, 68.1871



15.3702, 15.2978, 22.3926



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.



26.3001, 21.8462, 63.1526



34.4413, 26.0744, 97.8253



34.1468, 25.8913, 63.5199



11.2348, 11.4544, 14.8624



7.2352, 2.9102, 37.3729



0.4304, 0.1761, 2.0909

Inverse Universe

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



43.5528, 30.8245, 60.1538



64.9225, 41.9470, 92.0691



40.3592, 54.2753, 25.4892



12.2757, 11.9950, 14.7279



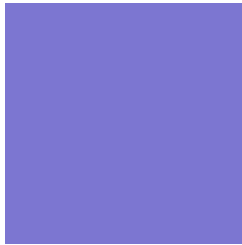
22.3154, 10.7990, 32.8965



1.2581, 0.6080, 1.8940

Previews

White Background



This preview shows how the XYZ color 26.2992, 21.8454, 63.1521 looks on a white background.

Color Contrast Check

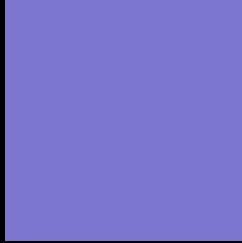
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2992, 21.8454, 63.1521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

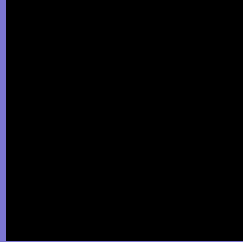
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.2992, 21.8454, 63.1521

Background



This preview shows how black text looks on a background with the XYZ color 26.2992, 21.8454, 63.1521.

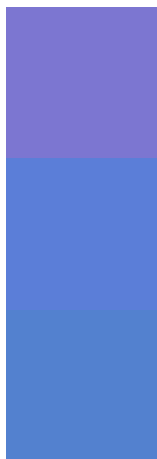


This preview shows how white text looks on a background with the XYZ color 26.2992, 21.8454,

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

26.2992, 21.8454, 63.1521

Protanopia

24.1699, 22.1037, 67.9583

Deuteranopia

22.6800, 22.0445, 62.0911



Tritanopia

19.5298, 21.9464, 29.1933

Trichromacy



Original Color

26.2992, 21.8454, 63.1521

Protanomaly

24.6867, 21.8536, 65.8678

Deuteranomaly

23.7558, 21.8180, 62.6337

Tritanomaly

21.6337, 21.8058, 39.6279

Monochromacy



Original Color

26.2992, 21.8454, 63.1521

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.6209, 22.0141, 35.8578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2992, 21.8454, 63.1521 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(124, 118, 209)` looks like.

```
.text, #text, p{  
    color:rgb(124, 118, 209)  
}
```

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(124, 118, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 118, 209) }
```

Border

The CSS property to change the border of an element to XYZ 26.2992, 21.8454, 63.1521 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(124, 118, 209) }
```


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

```
.border{ border-color:rgb(124, 118, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 118, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 118, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 118, 209);  
box-shadow:4px 4px 4px 4px rgb(124, 118,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2992, 21.8454, 63.1521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 118, 209) }
```

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

```
.background{ background-color: rgb(124,  
118, 209) }
```

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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