

Converting Colors

XYZ(25.4907, 21.6928, 60.7809)

Have a look what the booklet for
XYZ(25.4907, 21.6928, 60.7809)
contains.

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Color

**XYZ(25.5014, 21.6664,
60.5956)**

Conversions

Conversions Part 1

Format	Color
Hex	7977CD
RGB	121, 119, 205
RGB Percent	47%, 47%, 80%
CMY	0.5255, 0.5333, 0.1961
CMYK	0.41, 0.42, 0.00, 0.20
HSL	241°, 46%, 64%
HSV	241°, 42%, 80%
XYZ	25.5014, 21.6664, 60.5956
YIQ	129.4020, -26.4140, 27.1700

Conversions

Conversions Part 2

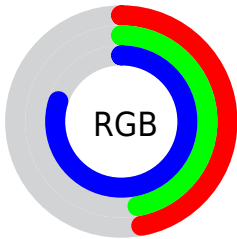
Format	Color
R _Y B	121, 119, 205
Decimal	7960525
CIE Lab	53.67, 22.18, -44.39
CIE LCh	54, 49.619, 296.551
Yxy	21.6664, 0.2366, 0.2011
Android (android.graphics.Color)	4286150605 (0xFF7977CD)
YUV	129.4020, 37.2698, -7.3686
Hunter-Lab	46.5472, 16.3357, -44.6013

Details

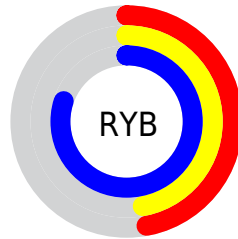
The XYZ color **25.5014, 21.6664, 60.5956** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **49.7899, 57.6914, 25.9648**, and the grayscale version is **20.8878, 21.9756, 23.9314**.

A 20% lighter version of the original color is **50.7444, 45.6929, 100.7528**, and **10.0050, 7.8667, 29.8453** is the 20% darker color. If you saturate the color by 10%, you get **20.7990, 16.0030, 59.7507**, and if you desaturate by 10%, it is **31.3140, 28.6839, 61.6442**.

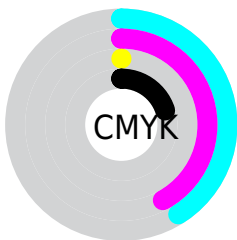
Distribution



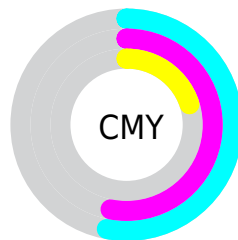
- Red (47%)
- Green (47%)
- Blue (80%)



- Red (47%)
- Yellow (47%)
- Blue (80%)



- Cyan (41%)
- Magenta (42%)
- Yellow (0%)
- Black (20%)



- Cyan (53%)
- Magenta (53%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5014, 21.6664, 60.5956 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 25.5014, 21.6664, 60.5956 by changing the saturation by 10% instead.

■ 25.5014, 21.6664,
60.5956

■ 25.5014, 21.6664,
60.5956

272.6276,
260.7992, 444.6551

■ 16.5817, 13.6120,
43.4705

■ 51.9065, 46.1940,
107.2450

■ 10.0302, 7.8513,
29.9203

■ 70.1227, 63.4360,
137.6063

■ 5.4814, 3.9999,
19.5265

■ 92.1684, 84.5093,
173.2168

■ 2.5700, 1.6735,
11.8707

118.4090,
109.7983, 214.4949

■ 0.9307, 0.4064,
6.5342

149.2099,
139.6874, 261.8593

■ 0.0000, 0.0000,
3.0986

184.9364,

■ 0.0000, 0.0000,

174.5609, 315.7284

1.1452

225.9539,
214.8034, 376.5208

■ 0.0000, 0.0000,
0.0000

■ 25.5014, 21.6664,
60.5956

■ 25.5014, 21.6664,
60.5956

■ 20.7990, 16.0030,
59.7507

■ 31.3140, 28.6839,
61.6442

■ 17.1337, 11.6043,
59.0949

■ 38.2987, 37.1325,
62.9068

■ 14.4280, 8.3740,
58.6140

■ 46.5155, 47.0861,
64.3950

■ 12.5921, 6.2007,
58.2912

■ 56.0199, 58.6130,
66.1189

■ 11.5192, 4.9516,
58.1067

■ 66.8638, 71.7773,
68.0884

■ 11.0792, 4.4386,
58.0308

■ 79.0965, 86.6394,
70.3123

■ 88.0195, 97.1878,
71.8781

Harmonies

Analogous

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



19.9853, 21.6664, 66.4585



25.5014, 21.6664, 60.5956



30.3386, 21.6664, 43.6521

Triad

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



25.5014, 21.6664, 60.5956



26.7477, 21.6664, 6.6397



11.9921, 21.6664, 21.8757

Complementary

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



25.5014, 21.6664, 60.5956



49.7899, 57.6914, 25.9648

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.



13.1963, 21.6664, 10.8676



25.5014, 21.6664, 60.5956



21.2135, 21.6664, 4.7881

Square

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



25.5014, 21.6664, 60.5956



31.1407, 21.6664, 12.7877



16.3591, 21.6664, 5.9127



12.7451, 21.6664, 39.2200

Rectangle

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



25.5014, 21.6664, 60.5956



32.2020, 21.6664, 31.0645



16.3591, 21.6664, 5.9127



12.1753, 21.6664, 17.4240

Sweetspot

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



25.5022, 21.6672, 60.5961



74.4463, 75.0108, 105.1625



40.1178, 51.3103, 65.5475



15.2643, 15.2432, 22.3877



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.



25.5022, 21.6672, 60.5961



34.9818, 27.3110, 98.0356



32.8101, 25.4345, 60.9381



10.6255, 10.8562, 14.1058



6.9083, 2.7689, 36.1266



0.3650, 0.1473, 1.8641

Inverse Universe

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



42.5536, 30.4852, 60.1411



66.4701, 43.5986, 97.0351



39.7725, 52.5272, 25.4960



11.6758, 11.3991, 14.0936



22.1856, 10.6848, 35.0258



1.1482, 0.5527, 1.8262

Previews

White Background



This preview shows how the XYZ color 25.5014, 21.6664, 60.5956 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 25.5014, 21.6664, 60.5956 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 25.5014, 21.6664, 60.5956

Background



This preview shows how black text looks on a background with the XYZ color 25.5014, 21.6664, 60.5956.



This preview shows how white text looks on a background with the XYZ color 25.5014, 21.6664,

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

25.5014, 21.6664, 60.5956

Protanopia

23.7076, 21.7501, 64.5767

Deuteranopia

22.3364, 21.7286, 59.5167



Tritanopia

19.1530, 21.5499, 29.1367

Trichromacy



Original Color

25.5014, 21.6664, 60.5956

Protanomaly

24.3005, 21.7124, 63.2317

Deuteranomaly

23.3783, 21.6795, 60.0791

Tritanomaly

21.0279, 21.3114, 39.0816

Monochromacy



Original Color

25.5014, 21.6664, 60.5956

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.0236, 21.5372, 34.8946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5014, 21.6664, 60.5956 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(121, 119, 205)` looks like.

```
.text, #text, p{  
    color:rgb(121, 119, 205)  
}
```

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(121, 119, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 119, 205) }
```

Border

The CSS property to change the border of an element to XYZ 25.5014, 21.6664, 60.5956 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(121, 119, 205) }
```


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

```
.border{ border-color:rgb(121, 119, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 119, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 119, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 119, 205);  
box-shadow:4px 4px 4px 4px rgb(121, 119,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5014, 21.6664, 60.5956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 119, 205) }
```

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

```
.background{ background-color: rgb(121,  
119, 205) }
```

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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