

Converting Colors

XYZ(25.7177, 21.9271, 60.3195)

Have a look what the booklet for
XYZ(25.7177, 21.9271, 60.3195)
contains.

XYZ(25.7620, 21.9783, 60.6420)	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(25.7620, 21.9783,
60.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	7A78CD
RGB	122, 120, 205
RGB Percent	48%, 47%, 80%
CMY	0.5216, 0.5294, 0.1961
CMYK	0.40, 0.41, 0.00, 0.20
HSL	241°, 46%, 64%
HSV	241°, 41%, 80%
XYZ	25.7620, 21.9783, 60.6420
YIQ	130.2880, -26.0930, 26.8590

Conversions

Conversions Part 2

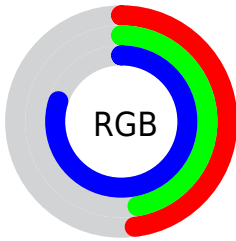
Format	Color
R_{YB}	122, 120, 205
Decimal	8026317
CIE _{Lab}	54.00, 21.84, -43.85
CIE _{LCh}	54, 48.992, 296.474
Yxy	21.9783, 0.2377, 0.2028
Android (android.graphics.Color)	4286216397 (0xFF7A78CD)
YUV	130.2880, 36.8330, -7.2686
Hunter-Lab	46.8810, 16.0473, -43.8767

Details

The XYZ color **25.7620, 21.9783, 60.6420** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **49.8499, 57.7153, 26.2827**, and the grayscale version is **21.2010, 22.3051, 24.2903**.

A 20% lighter version of the original color is **51.1626, 46.1900, 100.8267**, and **10.2063, 8.0657, 29.8731** is the 20% darker color. If you saturate the color by 10%, you get **21.0071, 16.2509, 59.7875**, and if you desaturate by 10%, it is **31.6301, 29.0637, 61.7008**.

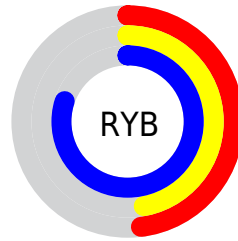
Distribution



Red (48%)

Green (47%)

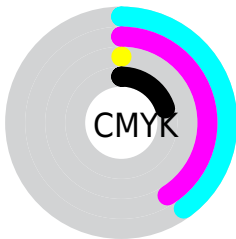
Blue (80%)



Red (48%)

Yellow (47%)

Blue (80%)

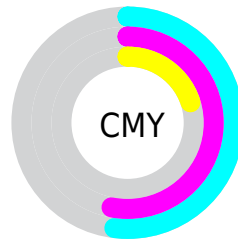


Cyan (40%)

Magenta (41%)

Yellow (0%)

Black (20%)



Cyan (52%)

Magenta (53%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7620, 21.9783, 60.6420 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 25.7620, 21.9783, 60.6420 by changing the saturation by 10% instead.

■ 25.7620, 21.9783,
60.6420

■ 25.7620, 21.9783,
60.6420

273.8900,
262.4329, 444.8303

■ 16.7774, 13.8410,
43.5076

■ 52.3248, 46.7101,
107.3129

■ 10.1702, 8.0101,
29.9493

■ 70.6337, 64.0734,
137.6865

■ 5.5751, 4.1014,
19.5484

■ 92.7814, 85.2808,
173.3102

■ 2.6267, 1.7305,
11.8864

119.1334,
110.7166, 214.6027

■ 0.9596, 0.4433,
6.5447

150.0548,
140.7654, 261.9824

■ 0.0000, 0.0000,
3.1050

185.9112,

■ 0.0000, 0.0000,

175.8114, 315.8679

1.1485

227.0678,
216.2391, 376.6777

■ 0.0000, 0.0000,
0.0000

■ 25.7620, 21.9783,
60.6420

■ 25.7620, 21.9783,
60.6420

■ 21.0071, 16.2509,
59.7875

■ 31.6301, 29.0637,
61.7008

■ 17.2927, 11.7925,
59.1228

■ 38.6729, 37.5837,
62.9741

■ 14.5416, 8.5074,
58.6336

■ 46.9502, 47.6120,
64.4735

■ 12.6649, 6.2850,
58.3036

■ 56.5174, 59.2166,
66.2092

■ 11.5569, 4.9941,
58.1128

■ 67.4262, 72.4614,
68.1907

■ 11.0800, 4.4390,
58.0308

■ 79.7256, 87.4066,
70.4272

■ 88.0195, 97.1878,
71.8780

Harmonies

Analogous

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



20.2701, 21.9783, 66.3921



25.7620, 21.9783, 60.6420



30.5721, 21.9783, 43.9039

Triad

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



25.7620, 21.9783, 60.6420



27.0287, 21.9783, 6.9307



12.2907, 21.9783, 22.1827

Complementary

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



25.7620, 21.9783, 60.6420



49.8499, 57.7153, 26.2827

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.



13.5036, 21.9783, 11.1742



25.7620, 21.9783, 60.6420



21.5218, 21.9783, 5.0372

Square

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



25.7620, 21.9783, 60.6420



31.3859, 21.9783, 13.1487



16.6741, 21.9783, 6.1754



13.0411, 21.9783, 39.4140

Rectangle

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



25.7620, 21.9783, 60.6420



32.4267, 21.9783, 31.4139



16.6741, 21.9783, 6.1754



12.4762, 21.9783, 17.7415

Sweetspot

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



25.7628, 21.9791, 60.6425



75.9023, 76.7735, 105.4260



40.2596, 51.3892, 65.5552



15.8409, 15.9414, 22.4920



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.



25.7628, 21.9791, 60.6425



34.9874, 27.3139, 98.0358



33.0291, 25.7250, 60.9826



10.6258, 10.8564, 14.1058



6.9089, 2.7692, 36.1266



0.3652, 0.1474, 1.8641

Inverse Universe

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



42.6730, 30.7244, 60.1802



66.4643, 43.5963, 97.0046



39.9368, 52.6049, 25.8188



11.6757, 11.3990, 14.0928



22.1814, 10.6831, 35.0035



1.1480, 0.5526, 1.8253

Previews

White Background



This preview shows how the XYZ color 25.7620, 21.9783, 60.6420 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 25.7620, 21.9783, 60.6420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

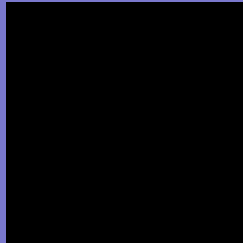
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7620, 21.9783, 60.6420

Background



This preview shows how black text looks on a background with the XYZ color 25.7620, 21.9783, 60.6420.

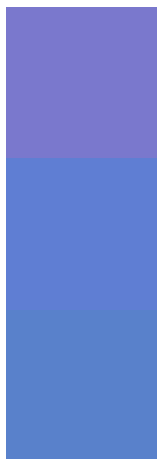


This preview shows how white text looks on a background with the XYZ color 25.7620, 21.9783,

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

25.7620, 21.9783, 60.6420

Protanopia

23.9380, 22.0578, 64.6239

Deuteranopia

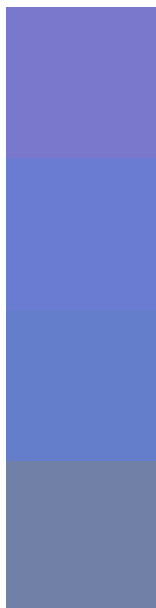
22.7496, 22.1362, 59.5736



Tritanopia

19.4850, 21.9145, 29.5885

Trichromacy



Original Color

25.7620, 21.9783, 60.6420

Protanomaly

24.5420, 22.0220, 63.2788

Deuteranomaly

23.7268, 22.0480, 60.1319

Tritanomaly

21.2842, 21.6363, 39.1308

Monochromacy



Original Color

25.7620, 21.9783, 60.6420

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.2991, 21.8681, 34.9440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7620, 21.9783, 60.6420 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(122, 120, 205)` looks like.

```
.text, #text, p{  
    color:rgb(122, 120, 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(122, 120, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 120, 205) }
```

Border

The CSS property to change the border of an element to XYZ 25.7620, 21.9783, 60.6420 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(122, 120, 205) }
```


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

```
.border{ border-color:rgb(122, 120, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 120, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 120, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 120, 205);  
box-shadow:4px 4px 4px 4px rgb(122, 120,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7620, 21.9783, 60.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 120, 205) }
```

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

```
.background{ background-color: rgb(122,  
120, 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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