

Converting Colors

XYZ(25.5703, 21.9550, 55.5767)

Have a look what the booklet for
XYZ(25.5703, 21.9550, 55.5767)
contains.

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Color

**XYZ(25.5469, 21.9762,
55.7187)**

Conversions

Conversions Part 1

Format	Color
Hex	7F78C5
RGB	127, 120, 197
RGB Percent	50%, 47%, 77%
CMY	0.5019, 0.5294, 0.2274
CMYK	0.36, 0.39, 0.00, 0.23
HSL	245°, 40%, 62%
HSV	245°, 39%, 77%
XYZ	25.5469, 21.9762, 55.7187
YIQ	130.8710, -20.5450, 25.4310

Conversions

Conversions Part 2

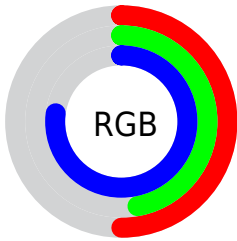
Format	Color
RYB	127, 120, 197
Decimal	8353989
CIELab	54.00, 20.95, -39.28
CIELCh	54, 44.515, 298.070
Yxy	21.9762, 0.2474, 0.2129
Android (android.graphics.Color)	4286544069 (0xFF7F78C5)
YUV	130.8710, 32.6016, -3.3949
Hunter-Lab	46.8788, 15.2369, -37.6552

Details

The XYZ color **25.5469, 21.9762, 55.7187** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **44.5920, 52.2361, 25.5024**, and the grayscale version is **21.4208, 22.5363, 24.5420**.

A 20% lighter version of the original color is **51.9333, 46.6059, 100.0246**, and **10.0993, 8.0737, 27.0127** is the 20% darker color. If you saturate the color by 10%, you get **20.9826, 16.4609, 54.8951**, and if you desaturate by 10%, it is **31.0743, 28.7123, 56.7280**.

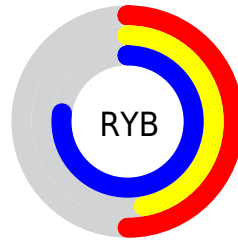
Distribution



Red (50%)

Green (47%)

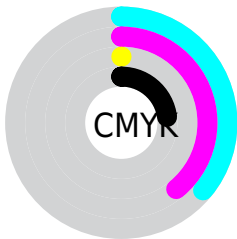
Blue (77%)



Red (50%)

Yellow (47%)

Blue (77%)

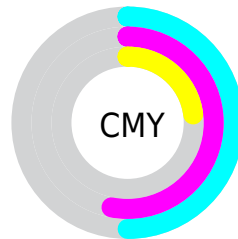


Cyan (36%)

Magenta (39%)

Yellow (0%)

Black (23%)



Cyan (50%)

Magenta (53%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5469, 21.9762, 55.7187 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 25.5469, 21.9762, 55.7187 by changing the saturation by 10% instead.

■ 25.5469, 21.9762,
55.7187

■ 25.5469, 21.9762,
55.7187

272.8484,
262.4220, 425.9890

■ 16.6159, 13.8394,
39.5750

■ 51.9796, 46.7067,
100.0749

■ 10.0546, 8.0091,
26.8960

■ 70.2120, 64.0691,
129.1243

■ 5.4977, 4.1007,
17.2634

■ 92.2756, 85.2756,
163.3128

■ 2.5799, 1.7301,
10.2585

118.5357,
110.7105, 203.0588

■ 0.9357, 0.4430,
5.4629

149.3576,
140.7582, 248.7809

■ 0.0000, 0.0000,
2.4579

185.1068,

■ 0.0000, 0.0000,

175.8030, 300.8976

0.8177

226.1486,
216.2295, 359.8275

■ 0.0000, 0.0000,
0.0000

■ 25.5469, 21.9762,
55.7187

■ 25.5469, 21.9762,
55.7187

■ 20.9826, 16.4609,
54.8951

■ 31.0743, 28.7123,
56.7280

■ 17.3237, 12.0907,
54.2444

■ 37.6132, 36.7338,
57.9317

■ 14.5103, 8.7856,
53.7548

■ 45.2116, 46.1037,
59.3397

■ 12.4738, 6.4538,
53.4120

■ 53.9137, 56.8801,
60.9612

■ 11.1351, 4.9881,
53.1997

■ 63.7612, 69.1177,
62.8042

■ 10.3771, 4.2144,
53.0903

■ 74.7936, 82.8684,
64.8769

■ 10.3259, 4.1590,
53.0823

■ 86.1156, 96.3151,
66.8756

■ 87.0781, 96.8112,
66.9207

Harmonies

Analogous

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



20.5779, 21.9762, 61.3430



25.5469, 21.9762, 55.7187



29.7572, 21.9762, 40.8406

Triad

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



25.5469, 21.9762, 55.7187



26.1686, 21.9762, 7.7577



12.9435, 21.9762, 23.0477

Complementary

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



25.5469, 21.9762, 55.7187



44.5920, 52.2361, 25.5024

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.



13.9830, 21.9762, 12.4793



25.5469, 21.9762, 55.7187



21.2006, 21.9762, 6.0225

Square

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



25.5469, 21.9762, 55.7187



30.1532, 21.9762, 13.5069



16.8325, 21.9762, 7.3444



13.7461, 21.9762, 38.6743

Rectangle

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



25.5469, 21.9762, 55.7187



31.3014, 21.9762, 29.8294



16.8325, 21.9762, 7.3444



13.0853, 21.9762, 18.8619

Sweetspot

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



25.5477, 21.9770, 55.7192



76.5493, 77.1071, 105.4563



36.3644, 45.1050, 59.6133



15.9916, 16.0191, 22.4991



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.



25.5477, 21.9770, 55.7192



38.5972, 30.7051, 98.5001



32.2949, 25.4553, 56.0350



10.1446, 10.3328, 13.3772



6.8232, 2.7517, 34.9159



0.3545, 0.1465, 1.6547

Inverse Universe

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



39.0372, 29.0216, 52.2596



66.2698, 45.1678, 90.8959



36.3215, 47.9726, 25.1154



11.0399, 10.7994, 13.1935



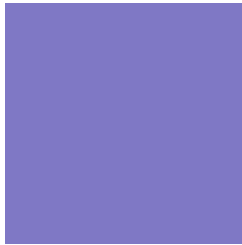
20.5193, 9.9573, 29.0080



0.9841, 0.4765, 1.4392

Previews

White Background



This preview shows how the XYZ color 25.5469, 21.9762, 55.7187 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 25.5469, 21.9762, 55.7187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

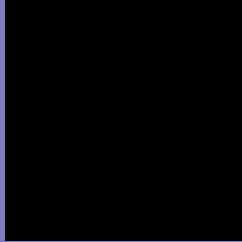
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5469, 21.9762, 55.7187

Background



This preview shows how black text looks on a background with the XYZ color 25.5469, 21.9762, 55.7187.



This preview shows how white text looks on a background with the XYZ color 25.5469, 21.9762,

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

25.5469, 21.9762, 55.7187

Protanopia

23.7357, 22.2572, 59.5450

Deuteranopia

22.6065, 21.9751, 54.6799



Tritanopia

20.2040, 22.1004, 28.7921

Trichromacy



Original Color

25.5469, 21.9762, 55.7187

Protanomaly

24.1807, 21.9473, 58.2201

Deuteranomaly

23.6041, 21.9040, 55.2084

Tritanomaly

21.8485, 21.9689, 37.2713

Monochromacy



Original Color

25.5469, 21.9762, 55.7187

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.7117, 22.2911, 34.1159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5469, 21.9762, 55.7187 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(127, 120, 197)` looks like.

```
.text, #text, p{  
    color:rgb(127, 120, 197)  
}
```

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(127, 120, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 120, 197) }
```

Border

The CSS property to change the border of an element to XYZ 25.5469, 21.9762, 55.7187 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(127, 120, 197) }
```


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

```
.border{ border-color:rgb(127, 120, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 120, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 120, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 120, 197);  
box-shadow:4px 4px 4px 4px rgb(127, 120,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5469, 21.9762, 55.7187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 120, 197) }
```

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

```
.background{ background-color: rgb(127,  
120, 197) }
```

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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