

Converting Colors

XYZ(25.4033, 21.7587, 55.8977)

Have a look what the booklet for
XYZ(25.4033, 21.7587, 55.8977)
contains.

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Color

**XYZ(25.2791, 21.6605,
55.6719)**

Conversions

Conversions Part 1

Format	Color
Hex	7E77C5
RGB	126, 119, 197
RGB Percent	49%, 47%, 77%
CMY	0.5059, 0.5333, 0.2274
CMYK	0.36, 0.40, 0.00, 0.23
HSL	245°, 40%, 62%
HSV	245°, 40%, 77%
XYZ	25.2791, 21.6605, 55.6719
YIQ	129.9850, -20.8660, 25.7420

Conversions

Conversions Part 2

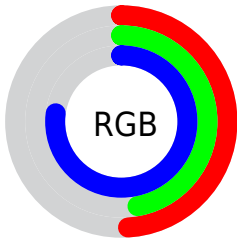
Format	Color
R _Y B	126, 119, 197
Decimal	8288197
CIE Lab	53.66, 21.27, -39.82
CIE LCh	54, 45.139, 298.109
Yxy	21.6605, 0.2464, 0.2111
Android (android.graphics.Color)	4286478277 (0xFF7E77C5)
YUV	129.9850, 33.0384, -3.4948
Hunter-Lab	46.5408, 15.5075, -38.3438

Details

The XYZ color **25.2791, 21.6605, 55.6719** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **44.5314, 52.2119, 25.1843**, and the grayscale version is **21.1057, 22.2048, 24.1811**.

A 20% lighter version of the original color is **51.5084, 46.1053, 99.9504**, and **9.9588, 7.9061, 26.9877** is the 20% darker color. If you saturate the color by 10%, you get **20.7617, 16.2049, 54.8574**, and if you desaturate by 10%, it is **30.7580, 28.3338, 56.6716**.

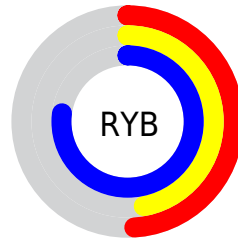
Distribution



Red (49%)

Green (47%)

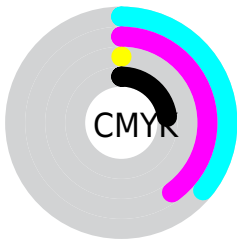
Blue (77%)



Red (49%)

Yellow (47%)

Blue (77%)

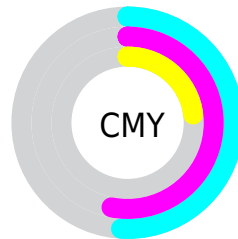


Cyan (36%)

Magenta (40%)

Yellow (0%)

Black (23%)



Cyan (51%)

Magenta (53%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2791, 21.6605, 55.6719 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 25.2791, 21.6605, 55.6719 by changing the saturation by 10% instead.

■ 25.2791, 21.6605,
55.6719

■ 25.2791, 21.6605,
55.6719

271.5471,
260.7682, 425.8074

■ 16.4150, 13.6077,
39.5377

■ 51.5493, 46.1842,
100.0057

■ 9.9110, 7.8483,
26.8672

■ 69.6860, 63.4239,
129.0424

■ 5.4018, 3.9980,
17.2420

■ 91.6444, 84.4947,
163.2170

■ 2.5220, 1.6725,
10.2434

117.7896,
109.7809, 202.9480

■ 0.9064, 0.4057,
5.4529

148.4872,
139.6669, 248.6540

■ 0.0000, 0.0000,
2.4520

184.1024,

■ 0.0000, 0.0000,

174.5372, 300.7535

0.8146

225.0006,
214.7762, 359.6652

■ 0.0000, 0.0000,
0.0000

■ 25.2791, 21.6605,
55.6719

■ 25.2791, 21.6605,
55.6719

■ 20.7617, 16.2049,
54.8574

■ 30.7580, 28.3338,
56.6716

■ 17.1478, 11.8911,
54.2152

■ 37.2470, 36.2899,
57.8653

■ 14.3769, 8.6384,
53.7334

■ 44.7945, 45.5920,
59.2630

■ 12.3799, 6.3544,
53.3978

■ 53.4448, 56.2984,
60.8736

■ 11.0769, 4.9308,
53.1917

■ 63.2399, 68.4640,
62.7055

■ 10.3441, 4.1813,
53.0856

■ 74.2196, 82.1408,
64.7667

■ 10.3217, 4.1568,
53.0821

■ 85.8115, 96.1583,
66.8614

■ 87.0781, 96.8113,
66.9207

Harmonies

Analogous

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



20.2828, 21.6605, 61.3915



25.2791, 21.6605, 55.6719



29.5195, 21.6605, 40.6059

Triad

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



25.2791, 21.6605, 55.6719



25.8925, 21.6605, 7.4459



12.6326, 21.6605, 22.7179

Complementary

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



25.2791, 21.6605, 55.6719



44.5314, 52.2119, 25.1843

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.



13.6680, 21.6605, 12.1414



25.2791, 21.6605, 55.6719



20.8956, 21.6605, 5.7413

Square

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



25.2791, 21.6605, 55.6719



29.9109, 21.6605, 13.1441



16.5158, 21.6605, 7.0464



13.4362, 21.6605, 38.4614

Rectangle

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



25.2791, 21.6605, 55.6719



31.0748, 21.6605, 29.4988



16.5158, 21.6605, 7.0464



12.7734, 21.6605, 18.5190

Sweetspot

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



25.2799, 21.6613, 55.6724



76.5381, 77.1013, 105.4558



36.2083, 44.9976, 59.6008



15.9890, 16.0178, 22.4990



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.



25.2799, 21.6613, 55.6724



37.8124, 29.7779, 98.3625



32.0887, 25.1714, 55.9911



10.1435, 10.3322, 13.3772



6.8201, 2.7502, 34.9157



0.3540, 0.1462, 1.6547

Inverse Universe

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



38.9174, 28.7823, 52.2193



65.9040, 44.4582, 90.7062



36.1521, 47.8922, 24.7922



11.0405, 10.7996, 13.1964



20.5343, 9.9633, 29.0870



0.9846, 0.4767, 1.4422

Previews

White Background



This preview shows how the XYZ color 25.2791, 21.6605, 55.6719 looks on a white background.

Color Contrast Check

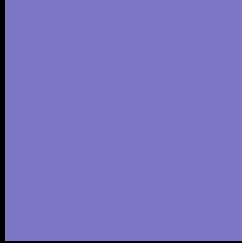
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2791, 21.6605, 55.6719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

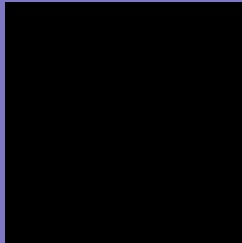
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.2791, 21.6605, 55.6719

Background



This preview shows how black text looks on a background with the XYZ color 25.2791, 21.6605, 55.6719.



This preview shows how white text looks on a background with the XYZ color 25.2791, 21.6605,

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

25.2791, 21.6605, 55.6719

Protanopia

23.3859, 21.8862, 59.4918

Deuteranopia

22.3934, 21.8653, 54.6699



Tritanopia

19.7341, 21.6664, 28.3412

Trichromacy



Original Color

25.2791, 21.6605, 55.6719

Protanomaly

23.9322, 21.6342, 58.1728

Deuteranomaly

23.3608, 21.7786, 55.1970

Tritanomaly

21.4936, 21.6035, 36.7553

Monochromacy



Original Color

25.2791, 21.6605, 55.6719

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.3468, 21.9219, 33.6254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2791, 21.6605, 55.6719 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(126, 119, 197)` looks like.

```
.text, #text, p{  
    color:rgb(126, 119, 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(126, 119, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 119, 197) }
```

Border

The CSS property to change the border of an element to XYZ 25.2791, 21.6605, 55.6719 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(126, 119, 197) }
```


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

```
.border{ border-color:rgb(126, 119, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 119, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 119, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 119, 197);  
box-shadow:4px 4px 4px 4px rgb(126, 119,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2791, 21.6605, 55.6719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 119, 197) }
```

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

```
.background{ background-color: rgb(126,  
119, 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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