

Converting Colors

XYZ(26.5503, 22.5676, 67.6906)

Have a look what the booklet for
XYZ(26.5503, 22.5676, 67.6906)
contains.

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Color

**XYZ(26.5567, 22.5899,
67.9264)**

Conversions

Conversions Part 1

Format	Color
Hex	747AD8
RGB	116, 122, 216
RGB Percent	45%, 48%, 85%
CMY	0.5451, 0.5216, 0.1529
CMYK	0.46, 0.44, 0.00, 0.15
HSL	236°, 56%, 65%
HSV	236°, 46%, 85%
XYZ	26.5567, 22.5899, 67.9264
YIQ	130.9220, -33.7500, 27.9620

Conversions

Conversions Part 2

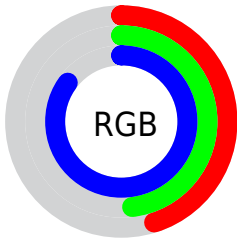
Format	Color
RYB	116, 122, 216
Decimal	7633624
CIELab	54.65, 22.36, -49.09
CIELCh	55, 53.940, 294.491
Yxy	22.5899, 0.2268, 0.1930
Android (android.graphics.Color)	4285823704 (0xFF747AD8)
YUV	130.9220, 41.9435, -13.0866
Hunter-Lab	47.5288, 16.5613, -51.4648

Details

The XYZ color **26.5567, 22.5899, 67.9264** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **54.5194, 61.9554, 25.6096**, and the grayscale version is **21.4101, 22.5251, 24.5298**.

A 20% lighter version of the original color is **50.4196, 46.3763, 100.9019**, and **10.6854, 8.4006, 34.7765** is the 20% darker color. If you saturate the color by 10%, you get **21.7741, 16.8023, 67.0618**, and if you desaturate by 10%, it is **32.5294, 29.7648, 68.9970**.

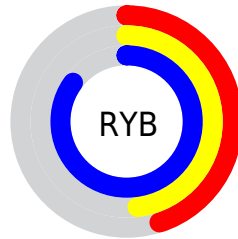
Distribution



Red (45%)

Green (48%)

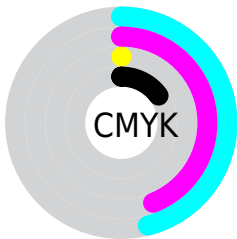
Blue (85%)



Red (45%)

Yellow (48%)

Blue (85%)

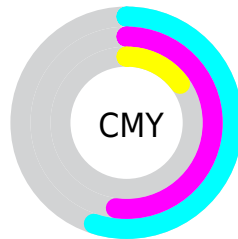


Cyan (46%)

Magenta (44%)

Yellow (0%)

Black (15%)



Cyan (55%)

Magenta (52%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5567, 22.5899, 67.9264 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 26.5567, 22.5899, 67.9264 by changing the saturation by 10% instead.

■ 26.5567, 22.5899,
67.9264

■ 26.5567, 22.5899,
67.9264

277.7111,
265.6116, 471.8262

■ 17.3754, 14.2910,
49.3715

■ 53.5966, 47.7191,
117.9001

■ 10.5995, 8.3233,
34.5466

■ 72.1860, 65.3181,
150.1560

■ 5.8635, 4.3025,
23.0331

■ 94.6421, 86.7860,
187.8159

■ 2.8021, 1.8442,
14.4124

121.3303,
112.5071, 231.2986

■ 1.0500, 0.5145,
8.2660

152.6159,
142.8658, 281.0224

■ 0.0000, 0.0000,
4.1754

188.8644,

■ 0.0000, 0.0000,

178.2465, 337.4059

1.7221

230.4410,
219.0336, 400.8676

■ 0.0000, 0.0000,
0.3758

■ 0.0000, 0.0000,
0.0000

■ 26.5567, 22.5899,
67.9264

■ 26.5567, 22.5899,
67.9264

■ 21.7741, 16.8023,
67.0618

■ 32.5294, 29.7648,
68.9970

■ 18.0993, 12.3100,
66.3884

■ 39.7618, 38.4063,
70.2837

■ 15.4437, 9.0138,
65.8921

■ 48.3213, 48.5904,
71.7983

■ 13.7042, 6.7989,
65.5563

■ 58.2698, 60.3872,
73.5510

■ 12.7536, 5.5269,
65.3609

■ 69.6652, 73.8626,
75.5514

■ 12.5381, 5.2446,
65.3177

■ 82.5621, 89.0786,
77.8087

■ 89.3948, 97.7379,
79.1200

Harmonies

Analogous

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



20.3942, 22.5899, 73.5655



26.5567, 22.5899, 67.9264



32.1623, 22.5899, 48.8765

Triad

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



26.5567, 22.5899, 67.9264



28.8034, 22.5899, 6.4335



11.9988, 22.5899, 21.5909

Complementary

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



26.5567, 22.5899, 67.9264



54.5194, 61.9554, 25.6096

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.



13.4581, 22.5899, 10.0802



26.5567, 22.5899, 67.9264



22.5851, 22.5899, 4.3013

Square

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



26.5567, 22.5899, 67.9264



33.6178, 22.5899, 13.3851



17.0800, 22.5899, 5.2338



12.6717, 22.5899, 40.7814

Rectangle

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



26.5567, 22.5899, 67.9264



34.4486, 22.5899, 34.4095



17.0800, 22.5899, 5.2338



12.2465, 22.5899, 16.8529

Sweetspot

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



26.5576, 22.5907, 67.9270



73.3268, 74.2727, 105.0791



43.3093, 57.4455, 69.3443



15.0572, 15.1403, 22.3787



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.



26.5576, 22.5907, 67.9270



31.5662, 24.2952, 97.6335



33.0056, 24.8552, 68.0242



11.8018, 12.1270, 15.6562



7.4476, 3.1570, 38.6700



0.4707, 0.2334, 2.3396

Inverse Universe

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



38.0780, 28.4962, 21.9062



50.4930, 34.2672, 21.9661



44.8693, 59.2198, 25.5902



12.4532, 12.4328, 13.0606



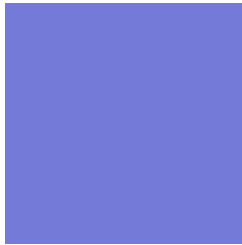
16.8181, 8.6635, 1.0800



1.0252, 0.5269, 0.1223

Previews

White Background



This preview shows how the XYZ color 26.5567, 22.5899, 67.9264 looks on a white background.

Color Contrast Check

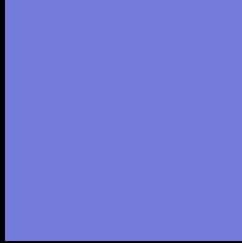
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5567, 22.5899, 67.9264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

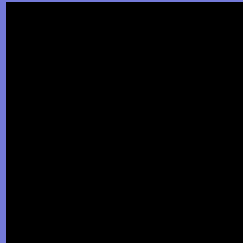
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5567, 22.5899, 67.9264

Background



This preview shows how black text looks on a background with the XYZ color 26.5567, 22.5899, 67.9264.



This preview shows how white text looks on a background with the XYZ color 26.5567, 22.5899,

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

26.5567, 22.5899, 67.9264

Protanopia

24.9549, 22.6233, 71.4581

Deuteranopia

23.3958, 22.7073, 66.7682



Tritanopia

19.2207, 22.5708, 31.3605

Trichromacy



Original Color

26.5567, 22.5899, 67.9264

Protanomaly

25.3753, 22.4910, 70.0216

Deuteranomaly

24.3985, 22.6200, 67.3701

Tritanomaly

21.5030, 22.4627, 42.7376

Monochromacy



Original Color

26.5567, 22.5899, 67.9264

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.8449, 22.4826, 37.3179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5567, 22.5899, 67.9264 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(116, 122, 216)` looks like.

```
.text, #text, p{  
    color:rgb(116, 122, 216)  
}
```

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(116, 122, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 122, 216) }
```

Border

The CSS property to change the border of an element to XYZ 26.5567, 22.5899, 67.9264 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(116, 122, 216) }
```


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

```
.border{ border-color:rgb(116, 122, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 122, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 122, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 122, 216);  
box-shadow:4px 4px 4px 4px rgb(116, 122,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5567, 22.5899, 67.9264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 122, 216) }
```

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

```
.background{ background-color: rgb(116,  
122, 216) }
```

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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