

Converting Colors

XYZ(25.4796, 26.4288, 72.9671)

Have a look what the booklet for
XYZ(25.4796, 26.4288, 72.9671)
contains.

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Color

**XYZ(25.4728, 26.4137,
72.8630)**

Conversions

Conversions Part 1

Format	Color
Hex	4390DE
RGB	67, 144, 222
RGB Percent	26%, 56%, 87%
CMY	0.7372, 0.4353, 0.1294
CMYK	0.70, 0.35, 0.00, 0.13
HSL	210°, 70%, 57%
HSV	210°, 70%, 87%
XYZ	25.4728, 26.4137, 72.8630
YIQ	129.8690, -70.9300, 7.9340

Conversions

Conversions Part 2

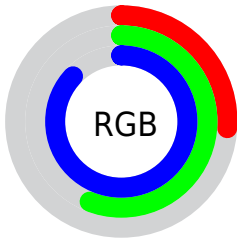
Format	Color
R _Y B	67, 118, 222
Decimal	4427998
CIE Lab	58.43, 1.56, -46.61
CIE LCh	58, 46.638, 271.913
Yxy	26.4137, 0.2042, 0.2117
Android (android.graphics.Color)	4282618078 (0xFF4390DE)
YUV	129.8690, 45.4206, -55.1361
Hunter-Lab	51.3943, -1.4691, -48.0810

Details

The XYZ color **25.4728, 26.4137, 72.8630** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **41.2647, 36.1887, 10.1220**, and the grayscale version is **21.0358, 22.1313, 24.1010**.

A 20% lighter version of the original color is **47.3763, 51.9778, 102.1435**, and **10.8856, 10.7586, 37.5793** is the 20% darker color. If you saturate the color by 10%, you get **22.6229, 22.5559, 72.2691**, and if you desaturate by 10%, it is **29.0752, 30.9088, 73.5413**.

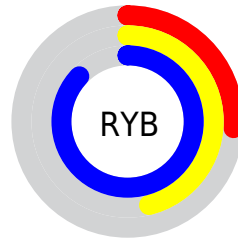
Distribution



Red (26%)

Green (56%)

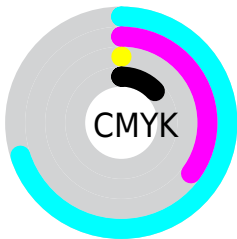
Blue (87%)



Red (26%)

Yellow (46%)

Blue (87%)

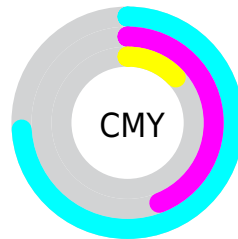


Cyan (70%)

Magenta (35%)

Yellow (0%)

Black (13%)



Cyan (74%)

Magenta (44%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4728, 26.4137, 72.8630 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 25.4728, 26.4137, 72.8630 by changing the saturation by 10% instead.

■ 25.4728, 26.4137,
72.8630

■ 25.4728, 26.4137,
72.8630

272.4888,
284.8070, 489.5979

■ 16.5603, 17.1334,
53.3728

■ 51.8606, 53.9416,
125.0018

■ 10.0148, 10.3296,
37.7107

■ 70.0666, 72.9580,
158.4875

■ 5.4711, 5.6181,
25.4581

■ 92.1011, 95.9885,
197.4755

■ 2.5638, 2.6143,
16.1966

■ 118.3294,
123.4175, 242.3842

■ 0.9276, 0.9338,
9.5075

149.1170,
155.6295, 293.6323

■ 0.0000, 0.0000,
4.9724

184.8292,

■ 0.0000, 0.0000,

193.0088, 351.6382

2.1726

225.8314,
235.9399, 416.8206

■ 0.0000, 0.0000,
0.6585

■ 0.0000, 0.0000,
0.0000

■ 25.4728, 26.4137,
72.8630

■ 25.4728, 26.4137,
72.8630

■ 22.6229, 22.5559,
72.2691

■ 29.0752, 30.9088,
73.5413

■ 20.4469, 19.2865,
71.7528

■ 33.4914, 36.0785,
74.3064

■ 18.8184, 16.5334,
71.3072

■ 38.7791, 41.9597,
75.1629

■ 18.7909, 16.4860,
71.2995

■ 44.9896, 48.5851,
76.1144

■ 52.1699, 55.9851,
77.1643

■ 60.3635, 64.1882,
78.3158

■ 69.6113, 73.2211,
79.5719

■ 79.9518, 83.1093,
80.9355

■ 86.9418, 91.5677,
82.1998

Harmonies

Analogous

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



20.2952, 26.4137, 66.2439



25.4728, 26.4137, 72.8630



31.3499, 26.4137, 64.4345

Triad

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



25.4728, 26.4137, 72.8630



35.5938, 26.4137, 15.1640



16.6315, 26.4137, 16.3787

Complementary

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



25.4728, 26.4137, 72.8630



41.2647, 36.1887, 10.1220

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.



19.7507, 26.4137, 9.5093



25.4728, 26.4137, 72.8630



30.6213, 26.4137, 9.0174

Square

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



25.4728, 26.4137, 72.8630



37.7156, 26.4137, 27.7257



24.7416, 26.4137, 7.4253



15.6752, 26.4137, 29.8198

Rectangle

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



25.4728, 26.4137, 72.8630



34.7471, 26.4137, 52.7638



24.7416, 26.4137, 7.4253



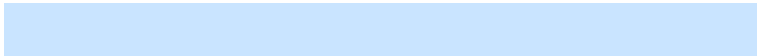
17.4360, 26.4137, 13.4293

Sweetspot

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



25.4738, 26.4146, 72.8637



70.0160, 75.2148, 105.4354



33.5097, 55.4657, 35.5284



14.3826, 15.4812, 22.4801



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.



25.4738, 26.4146, 72.8637



29.4219, 28.6181, 98.5809



17.5081, 10.4831, 70.2084



13.5116, 14.3624, 17.4478



11.2724, 10.0144, 42.3872



0.8709, 0.8732, 2.9679

Inverse Universe

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



37.1663, 21.5589, 28.5885



47.3085, 24.9451, 30.0090



57.2593, 68.1780, 15.4536



13.9897, 13.8135, 15.7160



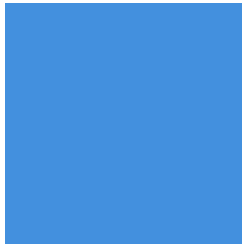
19.6300, 9.9190, 9.9833



1.4058, 0.7056, 0.9299

Previews

White Background



This preview shows how the XYZ color 25.4728, 26.4137, 72.8630 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 25.4728, 26.4137, 72.8630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

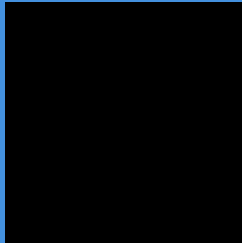
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4728, 26.4137, 72.8630

Background



This preview shows how black text looks on a background with the XYZ color 25.4728, 26.4137, 72.8630.



This preview shows how white text looks on a background with the XYZ color 25.4728, 26.4137,

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

25.4728, 26.4137, 72.8630

Protanopia

27.8959, 26.2287, 68.5581

Deuteranopia

27.1110, 26.3592, 73.4710



Tritanopia

19.0578, 26.4083, 41.1386

Trichromacy



Original Color

25.4728, 26.4137, 72.8630

Protanomaly

26.7523, 26.2510, 69.9866

Deuteranomaly

26.4114, 26.2165, 73.4803

Tritanomaly

20.8713, 26.1391, 51.5223

Monochromacy



Original Color

25.4728, 26.4137, 72.8630

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.3382, 23.0981, 37.9841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4728, 26.4137, 72.8630 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(67, 144, 222)` looks like.

```
.text, #text, p{  
    color:rgb(67, 144, 222)  
}
```

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(67, 144, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 144, 222) }
```

Border

The CSS property to change the border of an element to XYZ 25.4728, 26.4137, 72.8630 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(67, 144, 222) }
```


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

```
.border{ border-color:rgb(67, 144, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 144, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 144, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 144, 222);  
box-shadow:4px 4px 4px 4px rgb(67, 144,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4728, 26.4137, 72.8630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 144, 222) }
```

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

```
.background{ background-color: rgb(67, 144,  
222) }
```

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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