

Converting Colors

XYZ(24.9633, 26.8908, 72.3099)

Have a look what the booklet for
XYZ(24.9633, 26.8908, 72.3099)
contains.

XYZ(24.9531, 26.8448, 72.2730)	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(24.9531, 26.8448,
72.2730)**

Conversions

Conversions Part 1

Format	Color
Hex	3593DD
RGB	53, 147, 221
RGB Percent	21%, 58%, 87%
CMY	0.7921, 0.4235, 0.1333
CMYK	0.76, 0.33, 0.00, 0.13
HSL	206°, 71%, 54%
HSV	206°, 76%, 87%
XYZ	24.9531, 26.8448, 72.2730
YIQ	127.3300, -79.7780, 3.0860

Conversions

Conversions Part 2

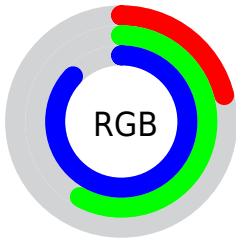
Format	Color
R_{YB}	53, 113, 221
Decimal	3511261
CIE _{Lab}	58.83, -2.39, -45.44
CIE _{LCh}	59, 45.507, 266.994
Yxy	26.8448, 0.2011, 0.2164
Android (android.graphics.Color)	4281701341 (0xFF3593DD)
YUV	127.3300, 46.1793, -65.1874
Hunter-Lab	51.8120, -4.7038, -46.4358

Details

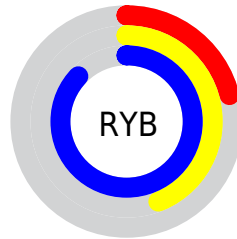
The XYZ color **24.9531, 26.8448, 72.2730** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **38.0530, 30.8115, 7.3114**, and the grayscale version is **20.1537, 21.2033, 23.0903**.

A 20% lighter version of the original color is **46.9627, 53.1309, 102.3878**, and **11.0662, 11.2660, 37.1886** is the 20% darker color. If you saturate the color by 10%, you get **22.5973, 23.4776, 71.7478**, and if you desaturate by 10%, it is **27.9743, 30.7459, 72.8673**.

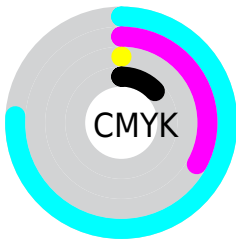
Distribution



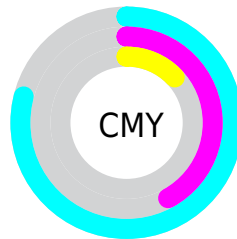
- Red (21%)
- Green (58%)
- Blue (87%)



- Red (21%)
- Yellow (44%)
- Blue (87%)



- Cyan (76%)
- Magenta (33%)
- Yellow (0%)
- Black (13%)



- Cyan (79%)
- Magenta (42%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9531, 26.8448, 72.2730 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 24.9531, 26.8448, 72.2730 by changing the saturation by 10% instead.

■ 24.9531, 26.8448,
72.2730

■ 24.9531, 26.8448,
72.2730

269.9562,
286.9049, 487.4943

■ 16.1707, 17.4567,
52.8935

■ 51.0246, 54.6347,
124.1559

■ 9.7366, 10.5606,
37.3306

■ 69.0443, 73.8053,
157.4964

■ 5.2856, 5.7722,
25.1658

■ 90.8739, 97.0056,
196.3277

■ 2.4523, 2.7071,
15.9805

■ 116.8786,
124.6198, 241.0683

■ 0.8712, 0.9808,
9.3561

■ 147.4238,
157.0325, 292.1367

■ 0.0000, 0.0000,
4.8742

182.8749,

■ 0.0000, 0.0000,

194.6279, 349.9515

2.1162

223.5973,
237.7906, 414.9312

■ 0.0000, 0.0000,
0.6254

■ 0.0000, 0.0000,
0.0000

■ 24.9531, 26.8448,
72.2730

■ 24.9531, 26.8448,
72.2730

■ 22.5973, 23.4776,
71.7478

■ 27.9743, 30.7459,
72.8673

■ 20.8197, 20.5937,
71.2848

■ 31.7260, 35.2180,
73.5328

■ 20.2150, 19.5479,
71.1149

■ 36.2681, 40.2967,
74.2737

■ 41.6531, 46.0131,
75.0932

■ 47.9283, 52.3960,
75.9945

■ 55.1375, 59.4717,
76.9803

■ 63.3215, 67.2653,
78.0533

■ 72.5185, 75.8001,
79.2159

■ 82.7643, 85.0983,
80.4707

Harmonies

Analogous

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



20.0729, 26.8448, 63.5962



24.9531, 26.8448, 72.2730



30.7378, 26.8448, 66.3582

Triad

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



24.9531, 26.8448, 72.2730



36.3987, 26.8448, 17.3182



17.4877, 26.8448, 15.4113

Complementary

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



24.9531, 26.8448, 72.2730



38.0530, 30.8115, 7.3114

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.



20.9204, 26.8448, 9.4241



24.9531, 26.8448, 72.2730



31.8617, 26.8448, 10.2074

Square

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



24.9531, 26.8448, 72.2730



37.8908, 26.8448, 30.8813



26.0856, 26.8448, 7.9446



16.1785, 26.8448, 27.6375

Rectangle

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



24.9531, 26.8448, 72.2730



34.2557, 26.8448, 55.8076



26.0856, 26.8448, 7.9446



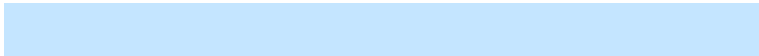
18.4044, 26.8448, 12.8017

Sweetspot

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



24.9541, 26.8457, 72.2737



68.9709, 75.1324, 105.4746



31.0791, 53.9720, 28.4534



14.0264, 15.3489, 22.4733



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.



24.9541, 26.8457, 72.2737



29.7576, 30.1123, 98.8516



16.3656, 9.6686, 69.4108



12.9399, 13.8196, 16.6376



11.8578, 11.5851, 41.3496



0.8535, 0.9212, 2.7073

Inverse Universe

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



36.3593, 20.0264, 29.5535



47.2771, 24.1635, 32.2144



53.4596, 61.6248, 12.4470



13.3595, 13.1729, 15.1546



19.4806, 9.7933, 12.1768



1.3051, 0.6517, 1.0157

Previews

White Background



This preview shows how the XYZ color 24.9531, 26.8448, 72.2730 looks on a white background.

Color Contrast Check

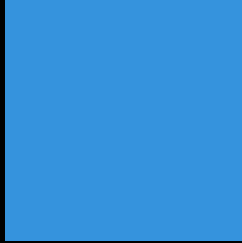
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9531, 26.8448, 72.2730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

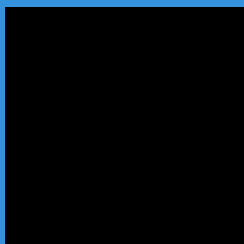
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

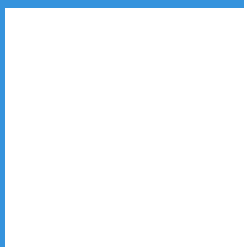
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9531, 26.8448, 72.2730

Background



This preview shows how black text looks on a background with the XYZ color 24.9531, 26.8448, 72.2730.

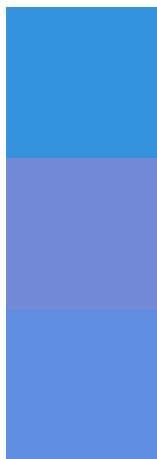


This preview shows how white text looks on a background with the XYZ color 24.9531, 26.8448,

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

24.9531, 26.8448, 72.2730

Protanopia

28.0381, 26.5585, 66.5993

Deuteranopia

27.5635, 26.8104, 73.5342



Tritanopia

19.0499, 26.6415, 41.6744

Trichromacy



Original Color

24.9531, 26.8448, 72.2730

Protanomaly

26.3332, 26.2829, 68.6510

Deuteranomaly

26.3155, 26.6243, 72.8593

Tritanomaly

20.7369, 26.5518, 51.6090

Monochromacy



Original Color

24.9531, 26.8448, 72.2730

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.2136, 22.3327, 36.9635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9531, 26.8448, 72.2730 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(53, 147, 221)` looks like.

```
.text, #text, p{  
    color:rgb(53, 147, 221)  
}
```

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(53, 147, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 147, 221) }
```

Border

The CSS property to change the border of an element to XYZ 24.9531, 26.8448, 72.2730 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(53, 147, 221) }
```


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

```
.border{ border-color:rgb(53, 147, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 147, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 147, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 147, 221);  
box-shadow:4px 4px 4px 4px rgb(53, 147,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9531, 26.8448, 72.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 147, 221) }
```

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

```
.background{ background-color: rgb(53, 147,  
221) }
```

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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