

Converting Colors

XYZ(22.6962, 26.4659, 58.0576)

Have a look what the booklet for
XYZ(22.6962, 26.4659, 58.0576)
contains.

XYZ(22.6871, 26.4592, 57.9442)	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(22.6871, 26.4592,
57.9442)**

Conversions

Conversions Part 1

Format	Color
Hex	3895C7
RGB	56, 149, 199
RGB Percent	22%, 58%, 78%
CMY	0.7804, 0.4157, 0.2196
CMYK	0.72, 0.25, 0.00, 0.22
HSL	201°, 56%, 50%
HSV	201°, 72%, 78%
XYZ	22.6871, 26.4592, 57.9442
YIQ	126.8930, -71.4780, -4.1660

Conversions

Conversions Part 2

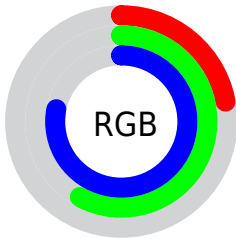
Format	Color
R_{YB}	56, 112, 199
Decimal	3708359
CIE _{Lab}	58.47, -10.83, -33.68
CIE _{LCh}	58, 35.377, 252.166
Yxy	26.4592, 0.2118, 0.2471
Android (android.graphics.Color)	4281898439 (0xFF3895C7)
YUV	126.8930, 35.5488, -62.1732
Hunter-Lab	51.4385, -11.2895, -30.7818

Details

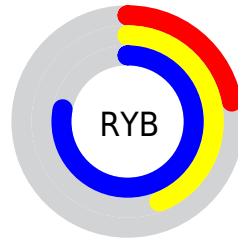
The XYZ color **22.6871, 26.4592, 57.9442** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **29.4222, 22.7374, 6.5805**, and the grayscale version is **20.0368, 21.0803, 22.9564**.

A 20% lighter version of the original color is **47.1517, 53.9249, 102.5311**, and **9.4785, 10.7797, 28.3692** is the 20% darker color. If you saturate the color by 10%, you get **20.7198, 23.8596, 57.5467**, and if you desaturate by 10%, it is **25.1639, 29.4200, 58.3857**.

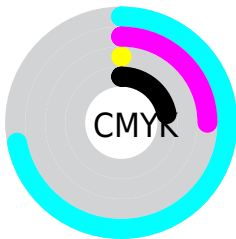
Distribution



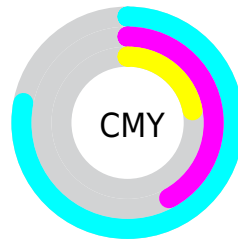
- Red (22%)
- Green (58%)
- Blue (78%)



- Red (22%)
- Yellow (44%)
- Blue (78%)



- Cyan (72%)
- Magenta (25%)
- Yellow (0%)
- Black (22%)



- Cyan (78%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6871, 26.4592, 57.9442 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 22.6871, 26.4592, 57.9442 by changing the saturation by 10% instead.

■ 22.6871, 26.4592,
57.9442

■ 22.6871, 26.4592,
57.9442

258.6792,
285.0290, 434.5704

■ 14.4821, 17.1675,
41.3494

■ 47.3495, 54.0148,
103.3556

■ 8.5406, 10.3540,
28.2704

■ 64.5375, 73.0475,
133.0092

■ 4.4975, 5.6343,
18.2888

■ 85.4506, 96.0960,
167.8529

■ 1.9872, 2.6240,
10.9859

■ 110.4541,
123.5447, 208.3051

■ 0.6268, 0.9387,
5.9433

■ 139.9134,
155.7779, 254.7844

■ 0.0000, 0.0000,
2.7424

174.1937,

■ 0.0000, 0.0000,

193.1801, 307.7094

0.9647

213.6606,
236.1357, 367.4985

■ 0.0000, 0.0000,
0.0000

■ 22.6871, 26.4592,
57.9442

■ 22.6871, 26.4592,
57.9442

■ 20.7198, 23.8596,
57.5467

■ 25.1639, 29.4200,
58.3857

■ 19.2021, 21.5874,
57.1881

■ 28.1954, 32.7655,
58.8716

■ 18.2144, 19.9345,
56.9211

■ 31.8243, 36.5199,
59.4051

■ 36.0884, 40.7043,
59.9880

■ 41.0219, 45.3378,
60.6223

■ 46.6567, 50.4383,
61.3098

■ 53.0223, 56.0225,
62.0522

■ 60.1467, 62.1063,
62.8510

■ 68.0561, 68.7047,
63.7077

Harmonies

Analogous

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



19.4753, 26.4592, 47.9338



22.6871, 26.4592, 57.9442



26.9420, 26.4592, 58.9208

Triad

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



22.6871, 26.4592, 57.9442



34.1840, 26.4592, 24.0769



19.9698, 26.4592, 14.5182

Complementary

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



22.6871, 26.4592, 57.9442



29.4222, 22.7374, 6.5805

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.



23.4368, 26.4592, 11.2379



22.6871, 26.4592, 57.9442



31.8289, 26.4592, 15.5985

Square

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



22.6871, 26.4592, 57.9442



33.9235, 26.4592, 36.7355



27.7822, 26.4592, 11.5665



18.0347, 26.4592, 22.1145

Rectangle

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



22.6871, 26.4592, 57.9442



29.8401, 26.4592, 54.0350



27.7822, 26.4592, 11.5665



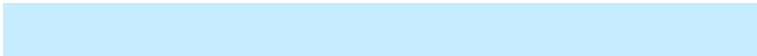
20.9767, 26.4592, 12.9874

Sweetspot

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



22.6880, 26.4601, 57.9449



71.3951, 78.9853, 106.0905



24.5371, 42.6811, 19.9547



14.7504, 16.4134, 22.6406



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.



22.6880, 26.4601, 57.9449



34.7512, 39.5578, 100.4116



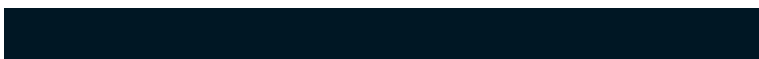
14.7972, 10.6785, 55.3146



10.6225, 11.4192, 13.5617



11.7968, 12.9875, 36.6294



0.6246, 0.7470, 1.7564

Inverse Universe

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



30.3930, 17.1414, 30.1414



49.9299, 25.7309, 44.6229



39.6303, 43.1535, 9.9832



10.9195, 10.7512, 12.5594



17.7538, 8.8511, 14.4454



0.8740, 0.4324, 0.8595

Previews

White Background



This preview shows how the XYZ color 22.6871, 26.4592, 57.9442 looks on a white background.

Color Contrast Check

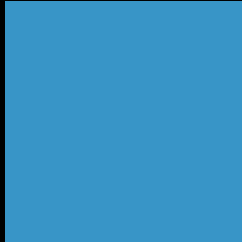
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6871, 26.4592, 57.9442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

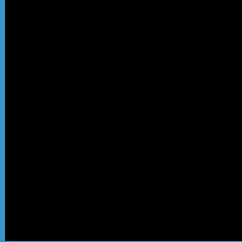
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.6871, 26.4592, 57.9442

Background



This preview shows how black text looks on a background with the XYZ color 22.6871, 26.4592, 57.9442.

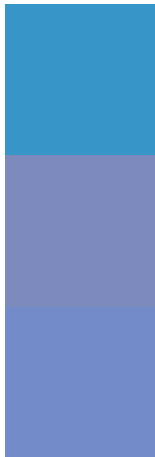


This preview shows how white text looks on a background with the XYZ color 22.6871, 26.4592,

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

22.6871, 26.4592, 57.9442

Protanopia

26.6949, 26.1797, 52.3614

Deuteranopia

26.8455, 26.3271, 58.9251



Tritanopia

19.2318, 26.5087, 40.6623

Trichromacy



Original Color

22.6871, 26.4592, 57.9442

Protanomaly

24.4442, 25.8489, 54.1531

Deuteranomaly

24.8639, 26.1947, 58.3892

Tritanomaly

20.3646, 26.4685, 46.6834

Monochromacy



Original Color

22.6871, 26.4592, 57.9442

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.7806, 22.3946, 33.4170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6871, 26.4592, 57.9442 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(56, 149, 199)` looks like.

```
.text, #text, p{  
    color:rgb(56, 149, 199)  
}
```

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(56, 149, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 149, 199) }
```

Border

The CSS property to change the border of an element to XYZ 22.6871, 26.4592, 57.9442 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(56, 149, 199) }
```


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

```
.border{ border-color:rgb(56, 149, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 149, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 149, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 149, 199);  
box-shadow:4px 4px 4px 4px rgb(56, 149,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6871, 26.4592, 57.9442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 149, 199) }
```

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

```
.background{ background-color: rgb(56, 149,  
199) }
```

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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