

Converting Colors

XYZ(22.4081, 26.9931, 42.5586)

Have a look what the booklet for
XYZ(22.4081, 26.9931, 42.5586)
contains.

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Color

**XYZ(22.3769, 26.8768,
42.5364)**

Conversions

Conversions Part 1

Format	Color
Hex	5996AB
RGB	89, 150, 171
RGB Percent	35%, 59%, 67%
CMY	0.6510, 0.4118, 0.3294
CMYK	0.48, 0.12, 0.00, 0.33
HSL	195°, 33%, 51%
HSV	195°, 48%, 67%
XYZ	22.3769, 26.8768, 42.5364
YIQ	134.1550, -43.0970, -6.4010

Conversions

Conversions Part 2

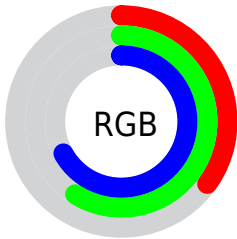
Format	Color
R _Y B	89, 124, 171
Decimal	5871275
CIE Lab	58.86, -13.93, -17.14
CIE LCh	59, 22.087, 230.883
Yxy	26.8768, 0.2438, 0.2928
Android (android.graphics.Color)	4284061355 (0xFF5996AB)
YUV	134.1550, 18.1646, -39.6009
Hunter-Lab	51.8428, -13.6791, -12.3567

Details

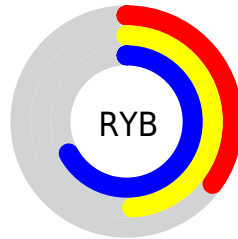
The XYZ color **22.3769, 26.8768, 42.5364** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.1744, 20.5319, 12.1411**, and the grayscale version is **22.6644, 23.8447, 25.9669**.

A 20% lighter version of the original color is **46.8219, 54.6060, 80.0237**, and **8.3873, 10.5627, 19.0495** is the 20% darker color. If you saturate the color by 10%, you get **20.2370, 24.7561, 42.2403**, and if you desaturate by 10%, it is **24.9257, 29.2482, 42.8603**.

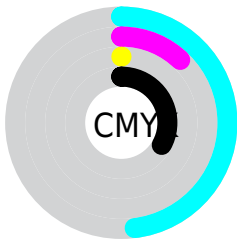
Distribution



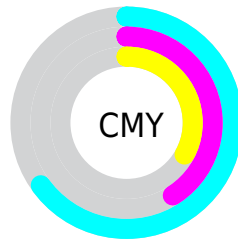
- Red (35%)
- Green (59%)
- Blue (67%)



- Red (35%)
- Yellow (49%)
- Blue (67%)



- Cyan (48%)
- Magenta (12%)
- Yellow (0%)
- Black (33%)



- Cyan (65%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3769, 26.8768, 42.5364 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 22.3769, 26.8768, 42.5364 by changing the saturation by 10% instead.

■ 22.3769, 26.8768,
42.5364

■ 22.3769, 26.8768,
42.5364

257.1038,
287.0601, 372.5668

■ 14.2523, 17.4807,
29.1928

■ 46.8424, 54.6861,
80.2896

■ 8.3792, 10.5778,
18.9799

■ 63.9139, 73.8681,
105.5364

■ 4.3924, 5.7837,
11.4791

■ 84.6985, 97.0809,
135.5879

■ 1.9264, 2.7140,
6.2719

■ 109.5614,
124.7088, 170.8629

■ 0.5921, 0.9843,
2.9396

138.8680,
157.1363, 211.7796

■ 0.0000, 0.0000,
1.0639

172.9837,

■ 0.0000, 0.0000,

194.7478, 258.7569

0.0000

212.2739,
237.9276, 312.2131

■ 22.3769, 26.8768,
42.5364

■ 22.3769, 26.8768,
42.5364

■ 20.2370, 24.7561,
42.2403

■ 24.9257, 29.2482,
42.8603

■ 18.4765, 22.8688,
41.9688

■ 27.9055, 31.8804,
43.2113

■ 17.0657, 21.1997,
41.7210

■ 31.3395, 34.7864,
43.5912

■ 15.9690, 19.7300,
41.4951

■ 35.2485, 37.9772,
44.0011

■ 15.1277, 18.4291,
41.2884

■ 39.6522, 41.4634,
44.4419

■ 14.9672, 18.1731,
41.2474

■ 44.5689, 45.2549,
44.9146

■ 50.0160, 49.3609,
45.4200

■ 56.0102, 53.7905,
45.9591

■ 62.5672, 58.5521,
46.5326

Harmonies

Analogous

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



20.9512, 26.8768, 34.9529



22.3769, 26.8768, 42.5364



24.7234, 26.8768, 46.7454

Triad

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



22.3769, 26.8768, 42.5364



31.0830, 26.8768, 31.7098



23.7209, 26.8768, 17.3523

Complementary

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



22.3769, 26.8768, 42.5364



24.1744, 20.5319, 12.1411

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.



26.3858, 26.8768, 16.7958



22.3769, 26.8768, 42.5364



30.7669, 26.8768, 24.2290

Square

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



22.3769, 26.8768, 42.5364



29.8355, 26.8768, 39.8027



29.0001, 26.8768, 19.0872



21.6879, 26.8768, 20.7724

Rectangle

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



22.3769, 26.8768, 42.5364



26.5489, 26.8768, 46.6356



29.0001, 26.8768, 19.0872



24.5679, 26.8768, 16.8514

Sweetspot

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



22.3777, 26.8778, 42.5370



58.6183, 64.3557, 78.3343



21.4708, 32.3652, 19.7260



12.7534, 14.0893, 17.4350



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



22.3777, 26.8778, 42.5370



35.8725, 43.9536, 75.5951



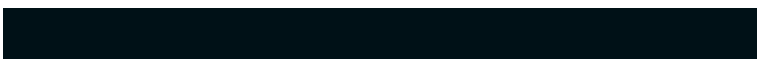
16.9935, 16.1094, 40.7423



8.0601, 8.7196, 10.2109



11.3268, 13.7875, 31.1088



0.3557, 0.4648, 0.8790

Inverse Universe

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



25.8727, 18.0056, 30.9669



43.1824, 27.0354, 51.0285



29.5847, 31.3526, 13.9445



8.2481, 8.1125, 9.6175



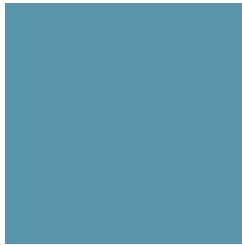
15.5809, 7.6949, 15.9703



0.4540, 0.2223, 0.5523

Previews

White Background



This preview shows how the XYZ color 22.3769, 26.8768, 42.5364 looks on a white background.

Color Contrast Check

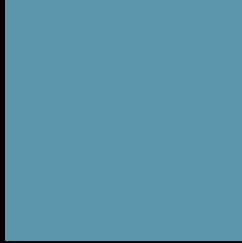
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3769, 26.8768, 42.5364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

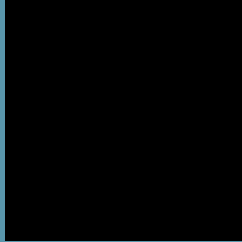
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.3769, 26.8768, 42.5364

Background



This preview shows how black text looks on a background with the XYZ color 22.3769, 26.8768, 42.5364.



This preview shows how white text looks on a background with the XYZ color 22.3769, 26.8768,

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

22.3769, 26.8768, 42.5364

Protanopia

26.2323, 26.6707, 38.8873

Deuteranopia

27.2097, 26.6362, 43.7516



Tritanopia

21.6079, 26.8038, 38.6851

Trichromacy



Original Color

22.3769, 26.8768, 42.5364

Protanomaly

24.5561, 26.6585, 40.4106

Deuteranomaly

24.9616, 26.3562, 43.3068

Tritanomaly

21.9740, 26.9611, 40.1223

Monochromacy



Original Color

22.3769, 26.8768, 42.5364

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.1158, 24.7143, 31.2085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3769, 26.8768, 42.5364 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(89, 150, 171)` looks like.

```
.text, #text, p{  
    color:rgb(89, 150, 171)  
}
```

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(89, 150, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 150, 171) }
```

Border

The CSS property to change the border of an element to XYZ 22.3769, 26.8768, 42.5364 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(89, 150, 171) }
```


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

```
.border{ border-color:rgb(89, 150, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 150, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 150, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 150, 171);  
box-shadow:4px 4px 4px 4px rgb(89, 150,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3769, 26.8768, 42.5364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 150, 171) }
```

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

```
.background{ background-color: rgb(89, 150,  
171) }
```

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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