

Converting Colors

XYZ(23.0167, 27.0331, 40.5751)

Have a look what the booklet for
XYZ(23.0167, 27.0331, 40.5751)
contains.

XYZ(22.9780, 26.9942, 40.5586)	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(22.9780, 26.9942,
40.5586)**

Conversions

Conversions Part 1

Format	Color
Hex	6495A7
RGB	100, 149, 167
RGB Percent	39%, 58%, 65%
CMY	0.6078, 0.4157, 0.3451
CMYK	0.40, 0.11, 0.00, 0.35
HSL	196°, 28%, 52%
HSV	196°, 40%, 65%
XYZ	22.9780, 26.9942, 40.5586
YIQ	136.4010, -34.9820, -4.7900

Conversions

Conversions Part 2

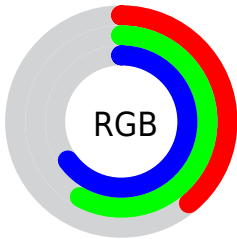
Format	Color
RYB	100, 128, 167
Decimal	6591911
CIELab	58.97, -11.66, -14.65
CIELCh	59, 18.723, 231.468
Yxy	26.9942, 0.2538, 0.2982
Android (android.graphics.Color)	4284781991 (0xFF6495A7)
YUV	136.4010, 15.0853, -31.9237
Hunter-Lab	51.9559, -11.9796, -9.9147

Details

The XYZ color **22.9780, 26.9942, 40.5586** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.7155, 22.0929, 15.0190**, and the grayscale version is **23.5073, 24.7315, 26.9326**.

A 20% lighter version of the original color is **47.8672, 54.8558, 77.1726**, and **8.6811, 10.6015, 17.8084** is the 20% darker color. If you saturate the color by 10%, you get **20.6208, 24.7461, 40.2494**, and if you desaturate by 10%, it is **25.7428, 29.4943, 40.8959**.

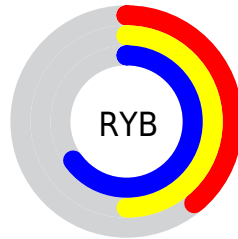
Distribution



Red (39%)

Green (58%)

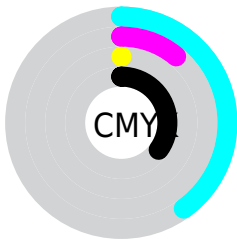
Blue (65%)



Red (39%)

Yellow (50%)

Blue (65%)

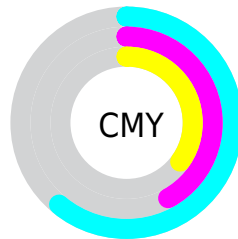


Cyan (40%)

Magenta (11%)

Yellow (0%)

Black (35%)



Cyan (61%)

Magenta (42%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9780, 26.9942, 40.5586 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 22.9780, 26.9942, 40.5586 by changing the saturation by 10% instead.

■ 22.9780, 26.9942,
40.5586

■ 22.9780, 26.9942,
40.5586

260.1494,
287.6290, 364.0943

■ 14.6979, 17.5689,
27.6572

■ 47.8241, 54.8746,
77.2598

■ 8.6926, 10.6409,
17.8307

■ 65.1208, 74.0984,
101.8966

■ 4.5967, 5.8259,
10.6603

■ 86.1538, 97.3571,
131.2824

■ 2.0449, 2.7395,
5.7276

■ 111.2883,
125.0353, 165.8357

■ 0.6590, 0.9973,
2.6141

140.8898,
157.5171, 205.9750

■ 0.0000, 0.0000,
0.8997

175.3235,

■ 0.0000, 0.0000,

195.1871, 252.1188

0.0000

214.9550,
238.4296, 304.6857

■ 22.9780, 26.9942,
40.5586

■ 22.9780, 26.9942,
40.5586

■ 20.6208, 24.7461,
40.2494

■ 25.7428, 29.4943,
40.8959

■ 18.6452, 22.7343,
39.9652

■ 28.9344, 32.2547,
41.2605

■ 17.0257, 20.9457,
39.7053

■ 32.5736, 35.2875,
41.6541

■ 15.7328, 19.3647,
39.4683

■ 36.6791, 38.6025,
42.0776

■ 14.7316, 17.9728,
39.2524

■ 41.2686, 42.2093,
42.5319

■ 13.9516, 16.7430,
39.0561

■ 46.3587, 46.1170,
43.0178

■ 51.9653, 50.3341,
43.5363

■ 58.1035, 54.8687,
44.0881

■ 64.7878, 59.7289,
44.6739

Harmonies

Analogous

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



21.7265, 26.9942, 34.3189



22.9780, 26.9942, 40.5586



25.0012, 26.9942, 43.9192

Triad

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



22.9780, 26.9942, 40.5586



30.3252, 26.9942, 31.3280



24.0593, 26.9942, 19.0359

Complementary

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



22.9780, 26.9942, 40.5586



24.7155, 22.0929, 15.0190

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.



26.3245, 26.9942, 18.4838



22.9780, 26.9942, 40.5586



30.0354, 26.9942, 24.9609

Square

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



22.9780, 26.9942, 40.5586



29.3065, 26.9942, 38.0884



28.5369, 26.9942, 20.4899



22.3242, 26.9942, 22.1318

Rectangle

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



22.9780, 26.9942, 40.5586



26.5542, 26.9942, 43.7708



28.5369, 26.9942, 20.4899



24.7806, 26.9942, 18.5674

Sweetspot

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



22.9788, 26.9952, 40.5592



56.9004, 62.0155, 74.4465



22.3370, 31.6522, 22.0309



12.5476, 13.7244, 16.6399



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



22.9788, 26.9952, 40.5592



37.4194, 44.7977, 72.1499



18.4345, 17.9065, 39.0444



7.5746, 8.1860, 9.5992



10.7177, 12.8955, 29.8997



0.2996, 0.3913, 0.7404

Inverse Universe

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



25.9190, 19.5005, 30.8327



43.5775, 30.1245, 51.5485



29.3629, 31.3877, 16.5681



7.7546, 7.6317, 9.0249



14.9104, 7.3729, 14.8715



0.3824, 0.1872, 0.4649

Previews

White Background



This preview shows how the XYZ color 22.9780, 26.9942, 40.5586 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 22.9780, 26.9942, 40.5586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

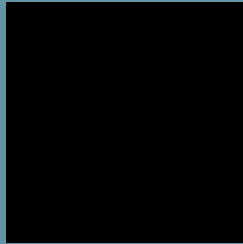
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.9780, 26.9942, 40.5586

Background



This preview shows how black text looks on a background with the XYZ color 22.9780, 26.9942, 40.5586.



This preview shows how white text looks on a background with the XYZ color 22.9780, 26.9942,

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

22.9780, 26.9942, 40.5586

Protanopia

26.2923, 26.7326, 37.4924

Deuteranopia

27.2344, 26.7043, 41.2551



Tritanopia

22.5735, 27.0740, 38.2185

Trichromacy



Original Color

22.9780, 26.9942, 40.5586

Protanomaly

24.7455, 26.5744, 38.4755

Deuteranomaly

25.3451, 26.6088, 40.8460

Tritanomaly

22.7528, 27.1457, 39.1624

Monochromacy



Original Color

22.9780, 26.9942, 40.5586

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.9597, 25.3673, 31.2900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9780, 26.9942, 40.5586 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(100, 149, 167)` looks like.

```
.text, #text, p{  
    color:rgb(100, 149, 167)  
}
```

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(100, 149, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 149, 167) }
```

Border

The CSS property to change the border of an element to XYZ 22.9780, 26.9942, 40.5586 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(100, 149, 167) }
```


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

```
.border{ border-color:rgb(100, 149, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 149, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(100, 149, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(100, 149, 167); box-shadow:4px 4px 4px 4px rgb(100, 149, 167) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9780, 26.9942, 40.5586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 149, 167) }
```

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

```
.background{ background-color: rgb(100,  
149, 167) }
```

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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