

Converting Colors

XYZ(22.5140, 26.2875, 38.6325)

Have a look what the booklet for
XYZ(22.5140, 26.2875, 38.6325)
contains.

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Color

**XYZ(22.5241, 26.3366,
38.5467)**

Conversions

Conversions Part 1

Format	Color
Hex	6693A3
RGB	102, 147, 163
RGB Percent	40%, 58%, 64%
CMY	0.6000, 0.4235, 0.3608
CMYK	0.37, 0.10, 0.00, 0.36
HSL	196°, 25%, 52%
HSV	196°, 37%, 64%
XYZ	22.5241, 26.3366, 38.5467
YIQ	135.3690, -31.9560, -4.5640

Conversions

Conversions Part 2

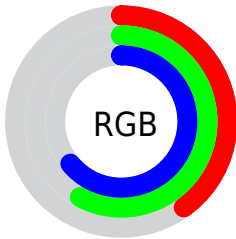
Format	Color
RYB	102, 128, 163
Decimal	6722467
CIELab	58.36, -11.08, -13.28
CIElCh	58, 17.301, 230.164
Yxy	26.3366, 0.2577, 0.3013
Android (android.graphics.Color)	4284912547 (0xFF6693A3)
YUV	135.3690, 13.6221, -29.2646
Hunter-Lab	51.3192, -11.4646, -8.6103

Details

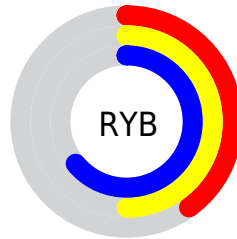
The XYZ color **22.5241, 26.3366, 38.5467** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.9814, 21.7031, 15.4963**, and the grayscale version is **23.1263, 24.3307, 26.4961**.

A 20% lighter version of the original color is **47.0591, 53.8038, 74.2346**, and **8.4174, 10.2172, 16.5674** is the 20% darker color. If you saturate the color by 10%, you get **20.2030, 24.1720, 38.2517**, and if you desaturate by 10%, it is **25.2348, 28.7399, 38.8682**.

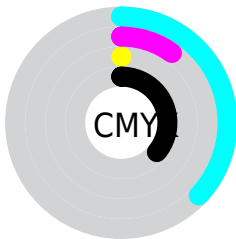
Distribution



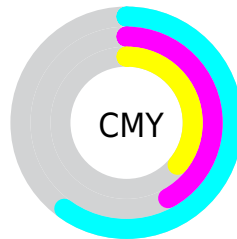
- Red (40%)
- Green (58%)
- Blue (64%)



- Red (40%)
- Yellow (50%)
- Blue (64%)



- Cyan (37%)
- Magenta (10%)
- Yellow (0%)
- Black (36%)



- Cyan (60%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5241, 26.3366, 38.5467 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 22.5241, 26.3366, 38.5467 by changing the saturation by 10% instead.

■ 22.5241, 26.3366,
38.5467

■ 22.5241, 26.3366,
38.5467

257.8524,
284.4305, 355.3276

■ 14.3613, 17.0756,
26.1022

■ 47.0831, 53.8175,
74.1580

■ 8.4557, 10.2884,
16.6736

■ 64.2101, 72.8061,
98.1619

■ 4.4422, 5.5906,
9.8426

■ 85.0557, 95.8062,
126.8559

■ 1.9552, 2.5978,
5.1905

■ 109.9854,
123.2020, 160.6586

■ 0.6086, 0.9256,
2.2988

139.3646,
155.3779, 199.9886

■ 0.0000, 0.0000,
0.7305

173.5586,

■ 0.0000, 0.0000,

192.7184, 245.2645

0.0000

212.9327,
235.6078, 296.9046

■ 22.5241, 26.3366,
38.5467

■ 22.5241, 26.3366,
38.5467

■ 20.2030, 24.1720,
38.2517

■ 25.2348, 28.7399,
38.8682

■ 18.2474, 22.2315,
37.9802

■ 28.3525, 31.3896,
39.2153

■ 16.6342, 20.5034,
37.7317

■ 31.8965, 34.2965,
39.5896

■ 15.3365, 18.9734,
37.5047

■ 35.8842, 37.4699,
39.9919

■ 14.3231, 17.6250,
37.2979

■ 40.3319, 40.9186,
40.4232

■ 13.5438, 16.4320,
37.1087

■ 45.2551, 44.6511,
40.8841

■ 13.3575, 16.1376,
37.0617

■ 50.6685, 48.6751,
41.3755

■ 56.5861, 52.9984,
41.8981

■ 63.0216, 57.6282,
42.4526

Harmonies

Analogous

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



21.4164, 26.3366, 32.8671



22.5241, 26.3366, 38.5467



24.3460, 26.3366, 41.7036

Triad

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



22.5241, 26.3366, 38.5467



29.2425, 26.3366, 30.7054



23.6606, 26.3366, 19.1002

Complementary

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



22.5241, 26.3366, 38.5467



23.9814, 21.7031, 15.4963

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.



25.7310, 26.3366, 18.6906



22.5241, 26.3366, 38.5467



29.0335, 26.3366, 24.8574

Square

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



22.5241, 26.3366, 38.5467



28.2758, 26.3366, 36.7746



27.7198, 26.3366, 20.6531



22.0466, 26.3366, 21.8634

Rectangle

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



22.5241, 26.3366, 38.5467



25.7543, 26.3366, 41.6888



27.7198, 26.3366, 20.6531



24.3236, 26.3366, 18.6993

Sweetspot

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



22.5249, 26.3376, 38.5473



54.6311, 59.3974, 70.6416



21.8029, 30.3100, 21.6088



12.0862, 13.1900, 15.8464



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



22.5249, 26.3376, 38.5473



36.7968, 43.8778, 68.5860



18.4815, 18.2508, 37.1995



7.1182, 7.6954, 9.0133



10.4194, 12.6182, 28.8162



0.2540, 0.3354, 0.6172

Inverse Universe

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



25.1228, 19.3966, 30.0247



42.2774, 30.1038, 50.4112



28.0538, 29.8479, 16.8537



7.2846, 7.1703, 8.4853



14.4047, 7.1179, 14.5877



0.3204, 0.1567, 0.3998

Previews

White Background



This preview shows how the XYZ color 22.5241, 26.3366, 38.5467 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 22.5241, 26.3366, 38.5467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

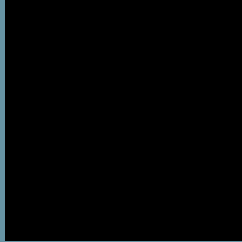
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.5241, 26.3366, 38.5467

Background



This preview shows how black text looks on a background with the XYZ color 22.5241, 26.3366, 38.5467.



This preview shows how white text looks on a background with the XYZ color 22.5241, 26.3366,

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

22.5241, 26.3366, 38.5467

Protanopia

25.7207, 26.2522, 36.0593

Deuteranopia

26.7217, 26.2707, 39.2597



Tritanopia

22.2147, 26.4497, 36.7354

Trichromacy



Original Color

22.5241, 26.3366, 38.5467

Protanomaly

24.3303, 26.1692, 37.0265

Deuteranomaly

24.9781, 26.2421, 38.8707

Tritanomaly

22.3019, 26.4846, 37.1943

Monochromacy



Original Color

22.5241, 26.3366, 38.5467

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.5118, 24.7205, 30.3731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5241, 26.3366, 38.5467 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(102, 147, 163)` looks like.

```
.text, #text, p{  
    color:rgb(102, 147, 163)  
}
```

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(102, 147, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 147, 163) }
```

Border

The CSS property to change the border of an element to XYZ 22.5241, 26.3366, 38.5467 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(102, 147, 163) }
```


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

```
.border{ border-color:rgb(102, 147, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 147, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 147, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 147, 163);  
box-shadow:4px 4px 4px 4px rgb(102, 147,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5241, 26.3366, 38.5467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 147, 163) }
```

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

```
.background{ background-color: rgb(102,  
147, 163) }
```

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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