

Converting Colors

XYZ(22.2291, 25.9639, 33.9769)

Have a look what the booklet for
XYZ(22.2291, 25.9639, 33.9769)
contains.

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Color

**XYZ(22.3353, 26.1089,
33.9993)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9299
RGB	109, 146, 153
RGB Percent	43%, 57%, 60%
CMY	0.5725, 0.4274, 0.4000
CMYK	0.29, 0.05, 0.00, 0.40
HSL	190°, 18%, 51%
HSV	190°, 29%, 60%
XYZ	22.3353, 26.1089, 33.9993
YIQ	135.7350, -24.2990, -5.6670

Conversions

Conversions Part 2

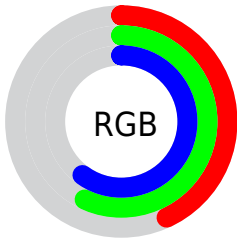
Format	Color
R _Y B	109, 129, 153
Decimal	7180953
CIE Lab	58.14, -11.02, -7.86
CIE LCh	58, 13.537, 215.481
Yxy	26.1089, 0.2709, 0.3167
Android (android.graphics.Color)	4285371033 (0xFF6D9299)
YUV	135.7350, 8.5116, -23.4466
Hunter-Lab	51.0969, -11.3942, -3.6831

Details

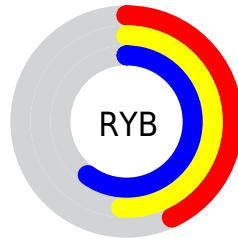
The XYZ color **22.3353, 26.1089, 33.9993** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.1428, 20.3673, 17.2327**, and the grayscale version is **23.2790, 24.4913, 26.6710**.

A 20% lighter version of the original color is **46.8171, 53.4949, 66.8895**, and **8.2941, 10.0735, 14.0776** is the 20% darker color. If you saturate the color by 10%, you get **20.2436, 24.4802, 33.7956**, and if you desaturate by 10%, it is **24.7642, 27.9245, 34.2222**.

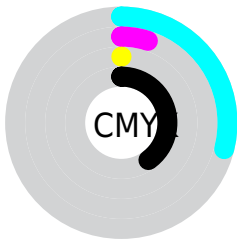
Distribution



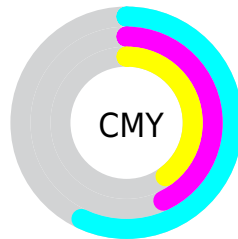
- Red (43%)
- Green (57%)
- Blue (60%)



- Red (43%)
- Yellow (51%)
- Blue (60%)



- Cyan (29%)
- Magenta (5%)
- Yellow (0%)
- Black (40%)



- Cyan (57%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3353, 26.1089, 33.9993 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 22.3353, 26.1089, 33.9993 by changing the saturation by 10% instead.

■ 22.3353, 26.1089,
33.9993

■ 22.3353, 26.1089,
33.9993

256.8919,
283.3163, 334.8980

■ 14.2215, 16.9051,
22.6157

■ 46.7743, 53.4506,
67.0665

■ 8.3576, 10.1669,
14.1074

■ 63.8302, 72.3573,
89.5871

■ 4.3783, 5.5097,
8.0558

■ 84.5974, 95.2671,
116.6572

■ 1.9183, 2.5493,
4.0424

■ 109.4414,
122.5643, 148.6952

■ 0.5874, 0.9013,
1.6486

138.7275,
154.6335, 186.1198

■ 0.0000, 0.0000,
0.3252

172.8210,

■ 0.0000, 0.0000,

191.8589, 229.3494

0.0000

212.0874,
234.6251, 278.8026

■ 22.3353, 26.1089,
33.9993

■ 22.3353, 26.1089,
33.9993

■ 20.2436, 24.4802,
33.7956

■ 24.7642, 27.9245,
34.2222

■ 18.4697, 23.0266,
33.6085

■ 27.5438, 29.9322,
34.4632

■ 16.9959, 21.7393,
33.4377

■ 30.6896, 32.1407,
34.7237

■ 15.8015, 20.6077,
33.2823

■ 34.2155, 34.5572,
35.0043

■ 14.8636, 19.6199,
33.1410

■ 38.1347, 37.1886,
35.3056

■ 14.1551, 18.7619,
33.0128

■ 42.4598, 40.0415,
35.6283

■ 13.6198, 18.0045,
32.8948

■ 47.2028, 43.1220,
35.9729

■ 13.5563, 17.9127,
32.8804

■ 52.3751, 46.4362,
36.3400

■ 57.9877, 49.9899,
36.7301

Harmonies

Analogous

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



21.8071, 26.1089, 29.2996



22.3353, 26.1089, 33.9993



23.5299, 26.1089, 37.4626

Triad

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



22.3353, 26.1089, 33.9993



27.7969, 26.1089, 32.3433



24.5157, 26.1089, 20.3522

Complementary

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



22.3353, 26.1089, 33.9993



22.1428, 20.3673, 17.2327

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.



26.1476, 26.1089, 20.9772



22.3353, 26.1089, 33.9993



28.0891, 26.1089, 27.5741

Square

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



22.3353, 26.1089, 33.9993



26.6916, 26.1089, 36.4351



27.4733, 26.1089, 23.5015



23.0299, 26.1089, 21.6896

Rectangle

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



22.3353, 26.1089, 33.9993



24.5681, 26.1089, 38.4157



27.4733, 26.1089, 23.5015



25.0650, 26.1089, 20.3416

Sweetspot

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



22.3361, 26.1099, 33.9999



49.1049, 53.4462, 61.7000



20.8275, 27.2858, 20.5707



10.6873, 11.6904, 13.6107



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.3361, 26.1099, 33.9999



37.3403, 44.7013, 60.6321



19.3148, 20.0674, 32.9928



6.3009, 6.8592, 7.9208



11.2239, 14.8444, 27.1814



0.1876, 0.2614, 0.4129

Inverse Universe

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



23.7944, 19.7855, 29.7602



40.4731, 31.5276, 51.4320



24.9288, 25.9393, 18.1614



6.4190, 6.3068, 7.5866



14.1241, 6.9039, 17.7101



0.2211, 0.1072, 0.3173

Previews

White Background



This preview shows how the XYZ color 22.3353, 26.1089, 33.9993 looks on a white background.

Color Contrast Check

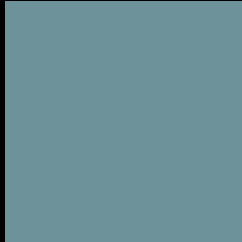
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3353, 26.1089, 33.9993 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 22.3353, 26.1089, 33.9993

Background



This preview shows how black text looks on a background with the XYZ color 22.3353, 26.1089, 33.9993.

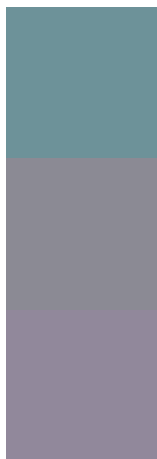


This preview shows how white text looks on a background with the XYZ color 22.3353, 26.1089,

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

22.3353, 26.1089, 33.9993

Protanopia

25.0812, 25.8040, 31.6757

Deuteranopia

26.3976, 25.9946, 34.6365



Tritanopia

22.6416, 26.0001, 35.7235

Trichromacy



Original Color

22.3353, 26.1089, 33.9993

Protanomaly

23.9320, 25.8410, 32.5806

Deuteranomaly

24.7265, 25.9948, 34.2861

Tritanomaly

22.5566, 25.9661, 35.2756

Monochromacy



Original Color

22.3353, 26.1089, 33.9993

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.8648, 25.1448, 29.2395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3353, 26.1089, 33.9993 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(109, 146, 153)` looks like.

```
.text, #text, p{  
    color:rgb(109, 146, 153)  
}
```

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(109, 146, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 146, 153) }
```

Border

The CSS property to change the border of an element to XYZ 22.3353, 26.1089, 33.9993 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(109, 146, 153) }
```


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

```
.border{ border-color:rgb(109, 146, 153) }
```

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

Here you see how a box with a 4 pixel rgb(109, 146, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 146, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 146, 153);  
box-shadow:4px 4px 4px 4px rgb(109, 146,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3353, 26.1089, 33.9993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 146, 153) }
```

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

```
.background{ background-color: rgb(109,  
146, 153) }
```

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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