

Converting Colors

XYZ(20.9926, 24.0031, 29.4339)

Have a look what the booklet for
XYZ(20.9926, 24.0031, 29.4339)
contains.

XYZ(21.0006, 23.9591, 29.5043)	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(21.0006, 23.9591,
29.5043)**

Conversions

Conversions Part 1

Format	Color
Hex	718B8F
RGB	113, 139, 143
RGB Percent	44%, 55%, 56%
CMY	0.5569, 0.4549, 0.4392
CMYK	0.21, 0.03, 0.00, 0.44
HSL	188°, 12%, 50%
HSV	188°, 21%, 56%
XYZ	21.0006, 23.9591, 29.5043
YIQ	131.6820, -16.7800, -4.2680

Conversions

Conversions Part 2

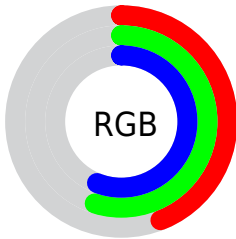
Format	Color
R_{YB}	113, 127, 143
Decimal	7441295
CIE _{Lab}	56.05, -8.27, -5.20
CIE _{LCh}	56, 9.772, 212.165
Yxy	23.9591, 0.2820, 0.3218
Android (android.graphics.Color)	4285631375 (0xFF718B8F)
YUV	131.6820, 5.5798, -16.3841
Hunter-Lab	48.9480, -9.0757, -1.4745

Details

The XYZ color **21.0006, 23.9591, 29.5043** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.6699, 19.7546, 18.3469**, and the grayscale version is **21.8031, 22.9386, 24.9801**.

A 20% lighter version of the original color is **44.4447, 49.7298, 60.0797**, and **7.6625, 9.0251, 11.6941** is the 20% darker color. If you saturate the color by 10%, you get **19.0305, 22.5380, 29.3342**, and if you desaturate by 10%, it is **23.2668, 25.5413, 29.6906**.

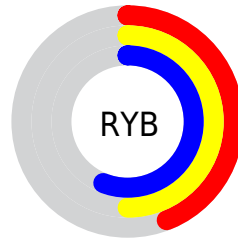
Distribution



Red (44%)

Green (55%)

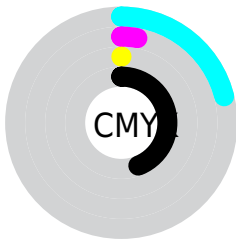
Blue (56%)



Red (44%)

Yellow (50%)

Blue (56%)

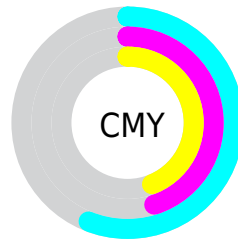


Cyan (21%)

Magenta (3%)

Yellow (0%)

Black (44%)



Cyan (56%)

Magenta (45%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0006, 23.9591, 29.5043 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 21.0006, 23.9591, 29.5043 by changing the saturation by 10% instead.

■ 21.0006, 23.9591,
29.5043

■ 21.0006, 23.9591,
29.5043

250.0133,
272.6136, 313.7221

■ 13.2369, 15.3033,
19.2138

■ 44.5798, 49.9634,
59.9291

■ 7.6700, 9.0325,
11.6465

■ 61.1260, 68.0808,
80.9004

■ 3.9345, 4.7624,
6.3838

■ 81.3305, 90.1207,
106.2691

■ 1.6652, 2.1085,
3.0073

■ 105.5585,
116.4677, 136.4538

■ 0.4343, 0.6694,
1.0984

134.1754,
147.5061, 171.8728

■ 0.0000, 0.0000,
0.0000

167.5466,

183.6203, 212.9449

206.0375,
225.1946, 260.0884

■ 21.0006, 23.9591,
29.5043

■ 21.0006, 23.9591,
29.5043

■ 19.0305, 22.5380,
29.3342

■ 23.2668, 25.5413,
29.6906

■ 17.3409, 21.2679,
29.1781

■ 25.8398, 27.2881,
29.8922

■ 15.9178, 20.1424,
29.0359

■ 28.7321, 29.2068,
30.1101

■ 14.7452, 19.1530,
28.9067

■ 31.9550, 31.3031,
30.3449

■ 13.8054, 18.2906,
28.7898

■ 35.5192, 33.5828,
30.5970

■ 13.0782, 17.5448,
28.6842

■ 39.4351, 36.0510,
30.8670

■ 12.5402, 16.9034,
28.5887

■ 43.7124, 38.7128,
31.1554

■ 12.1585, 16.3841,
28.5086

■ 48.3605, 41.5733,
31.4625

■ 53.3885, 44.6370,
31.7889

Harmonies

Analogous

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



20.6910, 23.9591, 26.3207



21.0006, 23.9591, 29.5043



21.7833, 23.9591, 31.9195

Triad

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



21.0006, 23.9591, 29.5043



24.7269, 23.9591, 29.0691



22.6913, 23.9591, 20.4059

Complementary

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



21.0006, 23.9591, 29.5043



20.6699, 19.7546, 18.3469

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.



23.7910, 23.9591, 21.0128



21.0006, 23.9591, 29.5043



24.9889, 23.9591, 25.8554

Square

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



21.0006, 23.9591, 29.5043



23.9362, 23.9591, 31.6541



24.6412, 23.9591, 22.9450



21.6470, 23.9591, 21.2149

Rectangle

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



21.0006, 23.9591, 29.5043



22.4806, 23.9591, 32.6745



24.6412, 23.9591, 22.9450



23.0667, 23.9591, 20.4510

Sweetspot

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



21.0013, 23.9601, 29.5048



43.8320, 47.2198, 53.3422



19.8145, 24.4287, 20.3473



9.9923, 10.7882, 12.2279



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.0013, 23.9601, 29.5048



35.9396, 41.7148, 52.6956



19.0389, 20.0353, 28.8507



5.4998, 5.9954, 6.8961



10.7611, 14.5083, 25.2103



0.1139, 0.1607, 0.2447

Inverse Universe

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



21.8936, 19.5145, 27.0399



37.8406, 32.3942, 47.4104



22.4924, 23.3996, 18.9544



5.5958, 5.4988, 6.6353



13.2348, 6.4510, 17.4198



0.1321, 0.0639, 0.1958

Previews

White Background



This preview shows how the XYZ color 21.0006, 23.9591, 29.5043 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 21.0006, 23.9591, 29.5043 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

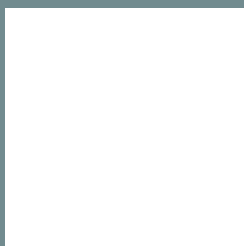
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.0006, 23.9591, 29.5043

Background



This preview shows how black text looks on a background with the XYZ color 21.0006, 23.9591, 29.5043.



This preview shows how white text looks on a background with the XYZ color 21.0006, 23.9591,

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

21.0006, 23.9591, 29.5043

Protanopia

23.1128, 23.8194, 28.1904

Deuteranopia

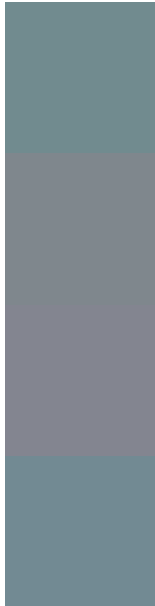
24.2488, 23.7604, 30.0962



Tritanopia

21.4527, 23.9243, 31.9209

Trichromacy



Original Color

21.0006, 23.9591, 29.5043

Protanomaly

22.2241, 23.7631, 28.6147

Deuteranomaly

22.7816, 23.6140, 29.7428

Tritanomaly

21.2944, 23.8609, 31.0871

Monochromacy



Original Color

21.0006, 23.9591, 29.5043

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.5654, 23.4655, 26.6852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0006, 23.9591, 29.5043 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(113, 139, 143)` looks like.

```
.text, #text, p{  
    color:rgb(113, 139, 143)  
}
```

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(113, 139, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 139, 143) }
```

Border

The CSS property to change the border of an element to XYZ 21.0006, 23.9591, 29.5043 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(113, 139, 143) }
```


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

```
.border{ border-color:rgb(113, 139, 143) }
```

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

Here you see how a box with a 4 pixel rgb(113, 139, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 139, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 139, 143);  
box-shadow:4px 4px 4px 4px rgb(113, 139,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0006, 23.9591, 29.5043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 139, 143) }
```

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

```
.background{ background-color: rgb(113,  
139, 143) }
```

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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