

Converting Colors

XYZ(22.1302, 24.0170, 29.0234)

Have a look what the booklet for
XYZ(22.1302, 24.0170, 29.0234)
contains.

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Color

**XYZ(21.9988, 23.8464,
29.0345)**

Conversions

Conversions Part 1

Format	Color
Hex	7C888E
RGB	124, 136, 142
RGB Percent	49%, 53%, 56%
CMY	0.5137, 0.4667, 0.4431
CMYK	0.13, 0.04, 0.00, 0.44
HSL	200°, 7%, 52%
HSV	200°, 13%, 56%
XYZ	21.9988, 23.8464, 29.0345
YIQ	133.0960, -9.0780, -0.6780

Conversions

Conversions Part 2

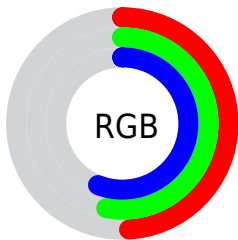
Format	Color
R_{YB}	124, 131, 142
Decimal	8161422
CIE _{Lab}	55.93, -3.07, -4.71
CIE _{LCh}	56, 5.619, 236.891
Yxy	23.8464, 0.2938, 0.3185
Android (android.graphics.Color)	4286351502 (0xFF7C888E)
YUV	133.0960, 4.3897, -7.9772
Hunter-Lab	48.8328, -5.0444, -1.0691

Details

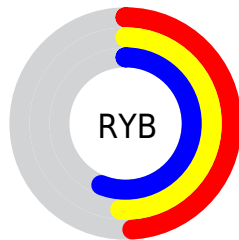
The XYZ color **21.9988, 23.8464, 29.0345** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.7761, 23.1711, 22.3412**, and the grayscale version is **22.3167, 23.4789, 25.5685**.

A 20% lighter version of the original color is **46.2929, 49.7278, 59.3831**, and **8.1612, 8.9241, 11.4176** is the 20% darker color. If you saturate the color by 10%, you get **19.4410, 21.5609, 28.7285**, and if you desaturate by 10%, it is **24.8829, 26.3451, 29.3652**.

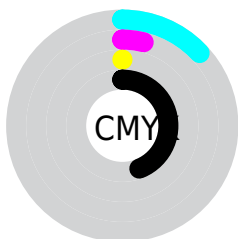
Distribution



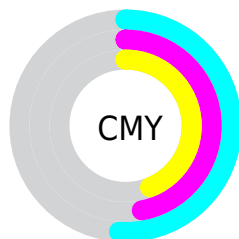
- Red (49%)
- Green (53%)
- Blue (56%)



- Red (49%)
- Yellow (51%)
- Blue (56%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (44%)



- Cyan (51%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9988, 23.8464, 29.0345 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 21.9988, 23.8464, 29.0345 by changing the saturation by 10% instead.

■ 21.9988, 23.8464,
29.0345

■ 21.9988, 23.8464,
29.0345

255.1725,
272.0430, 311.4437

■ 13.9726, 15.2197,
18.8611

■ 46.2229, 49.7794,
59.1747

■ 8.1832, 8.9737,
11.3942

■ 63.1515, 67.8546,
79.9787

■ 4.2652, 4.7241,
6.2151

■ 83.7783, 89.8480,
105.1632

■ 1.8532, 2.0863,
2.9054

108.4686,
116.1441, 135.1469

■ 0.5494, 0.6569,
1.0465

137.5879,
147.1272, 170.3482

■ 0.0000, 0.0000,
0.0000

171.5013,

183.1818, 211.1858

210.5744,
224.6923, 258.0781

■ 21.9988, 23.8464,
29.0345

■ 21.9988, 23.8464,
29.0345

■ 19.4410, 21.5609,
28.7285

■ 24.8829, 26.3451,
29.3652

■ 17.1946, 19.4784,
28.4450

■ 28.1035, 29.0608,
29.7196

■ 15.2464, 17.5921,
28.1836

■ 31.6728, 32.0011,
30.0990

■ 13.5813, 15.8939,
27.9435

■ 35.6017, 35.1721,
30.5040

■ 12.1831, 14.3745,
27.7240

■ 39.9008, 38.5797,
30.9351

■ 11.0336, 13.0242,
27.5239

■ 44.5800, 42.2295,
31.3930

■ 10.1122, 11.8316,
27.3423

■ 49.6491, 46.1272,
31.8782

■ 9.3945, 10.7836,
27.1778

■ 55.1172, 50.2779,
32.3911

■ 8.9464, 10.0807,
27.0658

■ 60.9933, 54.6867,
32.9324

Harmonies

Analogous

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



21.5839, 23.8464, 27.5939



21.9988, 23.8464, 29.0345



22.5985, 23.8464, 29.6506

Triad

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



21.9988, 23.8464, 29.0345



23.9182, 23.8464, 26.1566



22.1125, 23.8464, 22.9425

Complementary

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



21.9988, 23.8464, 29.0345



22.7761, 23.1711, 22.3412

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.



22.7322, 23.8464, 22.5977



21.9988, 23.8464, 29.0345



23.7822, 23.8464, 24.4009

Square

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



21.9988, 23.8464, 29.0345



23.7133, 23.8464, 27.9406



23.3451, 23.8464, 23.1192



21.6487, 23.8464, 24.0842

Rectangle

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



21.9988, 23.8464, 29.0345



23.0252, 23.8464, 29.4902



23.3451, 23.8464, 23.1192



22.3091, 23.8464, 22.7320

Sweetspot

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



21.9995, 23.8474, 29.0350



43.1273, 45.8139, 51.6978



21.9947, 25.2351, 24.7257



9.5522, 10.1636, 11.5378



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



21.9995, 23.8474, 29.0350



37.5497, 40.9538, 51.0537



20.8232, 21.4948, 28.6429



5.4109, 5.8176, 6.8665



8.0497, 9.0855, 24.3065



0.0973, 0.1275, 0.2392

Inverse Universe

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



22.8074, 21.9441, 26.3273



39.2513, 37.0106, 45.3361



23.9830, 25.5849, 22.7435



5.5509, 5.4809, 6.3990



11.8663, 5.9035, 10.2130



0.1237, 0.0605, 0.1516

Previews

White Background



This preview shows how the XYZ color 21.9988, 23.8464, 29.0345 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 21.9988, 23.8464, 29.0345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

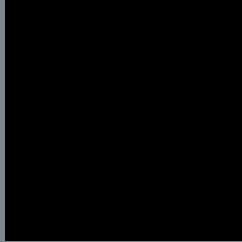
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

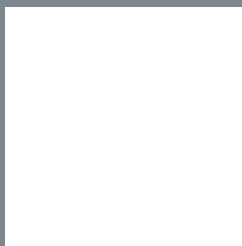
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.9988, 23.8464, 29.0345

Background



This preview shows how black text looks on a background with the XYZ color 21.9988, 23.8464, 29.0345.



This preview shows how white text looks on a background with the XYZ color 21.9988, 23.8464,

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

21.9988, 23.8464, 29.0345

Protanopia

22.9527, 23.7368, 28.1829

Deuteranopia

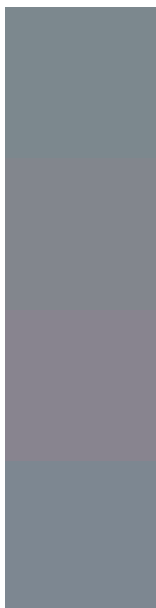
24.2682, 23.7881, 29.2991



Tritanopia

22.3097, 23.7632, 30.6050

Trichromacy



Original Color

21.9988, 23.8464, 29.0345

Protanomaly

22.5387, 23.7191, 28.5896

Deuteranomaly

23.3625, 23.7199, 29.3337

Tritanomaly

22.2323, 23.7323, 30.1971

Monochromacy



Original Color

21.9988, 23.8464, 29.0345

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.1750, 23.5736, 26.6740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9988, 23.8464, 29.0345 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(124, 136, 142)` looks like.

```
.text, #text, p{  
    color:rgb(124, 136, 142)  
}
```

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(124, 136, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 136, 142) }
```

Border

The CSS property to change the border of an element to XYZ 21.9988, 23.8464, 29.0345 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(124, 136, 142) }
```


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

```
.border{ border-color:rgb(124, 136, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 136, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 136, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 136, 142);  
box-shadow:4px 4px 4px 4px rgb(124, 136,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9988, 23.8464, 29.0345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 136, 142) }
```

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

```
.background{ background-color: rgb(124,  
136, 142) }
```

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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