

Converting Colors

XYZ(21.8397, 24.0883, 29.0620)

Have a look what the booklet for
XYZ(21.8397, 24.0883, 29.0620)
contains.

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Color

**XYZ(21.8561, 24.1949,
29.1093)**

Conversions

Conversions Part 1

Format	Color
Hex	798A8E
RGB	121, 138, 142
RGB Percent	47%, 54%, 56%
CMY	0.5255, 0.4588, 0.4431
CMYK	0.15, 0.03, 0.00, 0.44
HSL	191°, 9%, 52%
HSV	191°, 15%, 56%
XYZ	21.8561, 24.1949, 29.1093
YIQ	133.3730, -11.4160, -2.3600

Conversions

Conversions Part 2

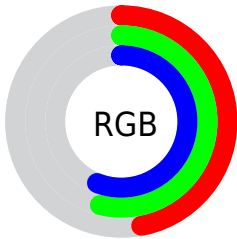
Format	Color
R_{YB}	121, 130, 142
Decimal	7965326
CIE _{Lab}	56.28, -5.24, -4.22
CIE _{LCh}	56, 6.724, 218.832
Yxy	24.1949, 0.2908, 0.3219
Android (android.graphics.Color)	4286155406 (0xFF798A8E)
YUV	133.3730, 4.2531, -10.8511
Hunter-Lab	49.1883, -6.7657, -0.6556

Details

The XYZ color **21.8561, 24.1949, 29.1093** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.9402, 21.7984, 21.1407**, and the grayscale version is **22.4188, 23.5863, 25.6855**.

A 20% lighter version of the original color is **46.0502, 50.2458, 59.4959**, and **8.0940, 9.1299, 11.4609** is the 20% darker color. If you saturate the color by 10%, you get **19.6279, 22.4782, 28.8958**, and if you desaturate by 10%, it is **24.3883, 26.0839, 29.3408**.

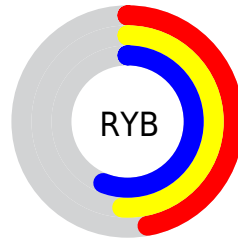
Distribution



Red (47%)

Green (54%)

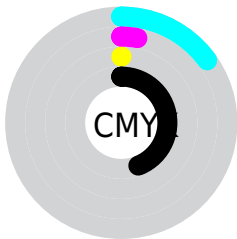
Blue (56%)



Red (47%)

Yellow (51%)

Blue (56%)

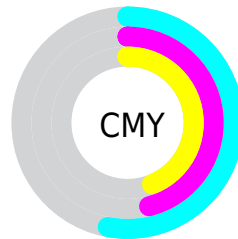


Cyan (15%)

Magenta (3%)

Yellow (0%)

Black (44%)



Cyan (53%)

Magenta (46%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8561, 24.1949, 29.1093 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 21.8561, 24.1949, 29.1093 by changing the saturation by 10% instead.

■ 21.8561, 24.1949,
29.1093

■ 21.8561, 24.1949,
29.1093

254.4404,
273.8044, 311.8074

■ 13.8672, 15.4783,
18.9172

■ 45.9887, 50.3481,
59.2950

■ 8.1095, 9.1557,
11.4343

■ 62.8631, 68.5534,
80.1256

■ 4.2175, 4.8429,
6.2419

■ 83.4300, 90.6904,
105.3396

■ 1.8259, 2.1554,
2.9216

108.0549,
117.1434, 135.3553

■ 0.5332, 0.6955,
1.0547

137.1030,
148.2970, 170.5914

■ 0.0000, 0.0000,
0.0000

170.9397,

184.5354, 211.4665

209.9304,
226.2430, 258.3989

■ 21.8561, 24.1949,
29.1093

■ 21.8561, 24.1949,
29.1093

■ 19.6279, 22.4782,
28.8958

■ 24.3883, 26.0839,
29.3408

■ 17.6889, 20.9242,
28.6980

■ 27.2344, 28.1486,
29.5894

■ 16.0258, 19.5266,
28.5159

■ 30.4066, 30.3959,
29.8559

■ 14.6239, 18.2776,
28.3487

■ 33.9156, 32.8314,
30.1411

■ 13.4667, 17.1687,
28.1957

■ 37.7716, 35.4606,
30.4453

■ 12.5361, 16.1904,
28.0559

■ 41.9847, 38.2886,
30.7692

■ 11.8110, 15.3317,
27.9284

■ 46.5641, 41.3205,
31.1130

■ 11.2641, 14.5785,
27.8118

■ 51.5189, 44.5609,
31.4773

■ 11.0096, 14.2071,
27.7535

■ 56.8580, 48.0146,
31.8625

Harmonies

Analogous

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



21.5565, 24.1949, 27.0042



21.8561, 24.1949, 29.1093



22.4631, 24.1949, 30.5238

Triad

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



21.8561, 24.1949, 29.1093



24.4131, 24.1949, 27.9141



22.7687, 24.1949, 22.3513

Complementary

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



21.8561, 24.1949, 29.1093



21.9402, 21.7984, 21.1407

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.



23.5384, 24.1949, 22.5645



21.8561, 24.1949, 29.1093



24.4993, 24.1949, 25.6949

Square

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



21.8561, 24.1949, 29.1093



23.9428, 24.1949, 29.8073



24.1759, 24.1949, 23.7599



22.0755, 24.1949, 23.1602

Rectangle

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



21.8561, 24.1949, 29.1093



22.9662, 24.1949, 30.8414



24.1759, 24.1949, 23.7599



23.0269, 24.1949, 22.3068

Sweetspot

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



21.8568, 24.1959, 29.1098



43.3416, 46.2426, 51.7692



21.2506, 24.8882, 23.0361



9.6079, 10.2751, 11.5563



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.



21.8568, 24.1959, 29.1098



37.0725, 41.5468, 51.1933



20.4416, 21.3655, 28.6381



5.4742, 5.9442, 6.8876



9.8974, 12.7808, 24.9224



0.1091, 0.1512, 0.2431

Inverse Universe

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



22.5807, 21.2610, 26.9596



38.6327, 35.3169, 46.5371



23.3198, 24.5574, 21.6005



5.5828, 5.4937, 6.5672



12.7989, 6.2766, 15.1240



0.1297, 0.0629, 0.1832

Previews

White Background



This preview shows how the XYZ color 21.8561, 24.1949, 29.1093 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 21.8561, 24.1949, 29.1093 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

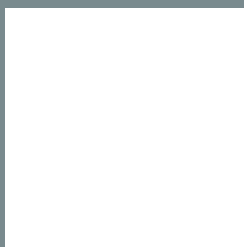
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.8561, 24.1949, 29.1093

Background



This preview shows how black text looks on a background with the XYZ color 21.8561, 24.1949, 29.1093.



This preview shows how white text looks on a background with the XYZ color 21.8561, 24.1949,

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

21.8561, 24.1949, 29.1093

Protanopia

23.4121, 24.1779, 28.2438

Deuteranopia

24.5758, 24.1451, 29.3518



Tritanopia

22.3170, 24.1670, 31.5054

Trichromacy



Original Color

21.8561, 24.1949, 29.1093

Protanomaly

22.8318, 24.0763, 28.6431

Deuteranomaly

23.6364, 24.2676, 29.4249

Tritanomaly

22.1600, 24.1042, 30.6788

Monochromacy



Original Color

21.8561, 24.1949, 29.1093

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.1612, 23.7726, 26.7131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8561, 24.1949, 29.1093 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(121, 138, 142)` looks like.

```
.text, #text, p{  
    color:rgb(121, 138, 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(121, 138, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 138, 142) }
```

Border

The CSS property to change the border of an element to XYZ 21.8561, 24.1949, 29.1093 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(121, 138, 142) }
```


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

```
.border{ border-color:rgb(121, 138, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 138, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 138, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 138, 142);  
box-shadow:4px 4px 4px 4px rgb(121, 138,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8561, 24.1949, 29.1093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 138, 142) }
```

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

```
.background{ background-color: rgb(121,  
138, 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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