

Converting Colors

XYZ(20.8192, 22.0202, 29.6207)

Have a look what the booklet for
XYZ(20.8192, 22.0202, 29.6207)
contains.

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Color

**XYZ(20.7624, 21.9719,
29.5323)**

Conversions

Conversions Part 1

Format	Color
Hex	788290
RGB	120, 130, 144
RGB Percent	47%, 51%, 56%
CMY	0.5294, 0.4902, 0.4353
CMYK	0.17, 0.10, 0.00, 0.44
HSL	215°, 10%, 52%
HSV	215°, 17%, 56%
XYZ	20.7624, 21.9719, 29.5323
YIQ	128.6060, -10.4540, 2.2340

Conversions

Conversions Part 2

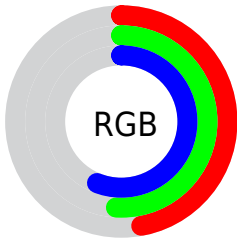
Format	Color
R_{YB}	120, 127, 144
Decimal	7897744
CIE _{Lab}	54.00, -0.58, -8.78
CIE _{LCh}	54, 8.797, 266.187
Yxy	21.9719, 0.2873, 0.3040
Android (android.graphics.Color)	4286087824 (0xFF788290)
YUV	128.6060, 7.5892, -7.5475
Hunter-Lab	46.8742, -2.9653, -4.5427

Details

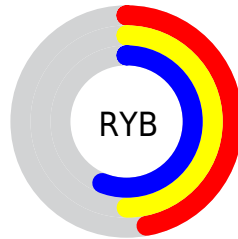
The XYZ color **20.7624, 21.9719, 29.5323** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.4171, 24.3357, 21.2329**, and the grayscale version is **20.7060, 21.7843, 23.7232**.

A 20% lighter version of the original color is **44.1398, 46.7148, 60.1165**, and **7.5613, 8.0326, 11.7416** is the 20% darker color. If you saturate the color by 10%, you get **17.8417, 18.8753, 29.0889**, and if you desaturate by 10%, it is **24.0760, 25.4076, 30.0212**.

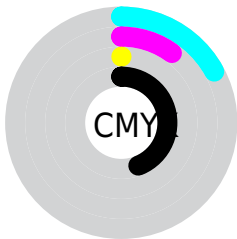
Distribution



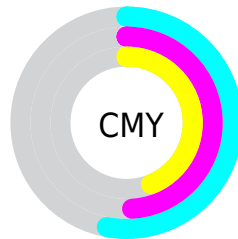
- Red (47%)
- Green (51%)
- Blue (56%)



- Red (47%)
- Yellow (50%)
- Blue (56%)



- Cyan (17%)
- Magenta (10%)
- Yellow (0%)
- Black (44%)



- Cyan (53%)
- Magenta (49%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7624, 21.9719, 29.5323 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 20.7624, 21.9719, 29.5323 by changing the saturation by 10% instead.

■ 20.7624, 21.9719,
29.5323

■ 20.7624, 21.9719,
29.5323

248.7688,
262.3995, 313.8574

■ 13.0619, 13.8363,
19.2348

■ 44.1860, 46.6996,
59.9740

■ 7.5485, 8.0069,
11.6616

■ 60.6399, 64.0603,
80.9553

■ 3.8568, 4.0993,
6.3939

■ 80.7422, 85.2650,
106.3349

■ 1.6214, 1.7293,
3.0134

104.8584,
110.6978, 136.5315

■ 0.4063, 0.4425,
1.1015

133.3538,
140.7433, 171.9635

■ 0.0000, 0.0000,
0.0000

166.5937,

175.7858, 213.0494

204.9436,
216.2098, 260.2079

■ 20.7624, 21.9719,
29.5323

■ 20.7624, 21.9719,
29.5323

■ 17.8417, 18.8753,
29.0889

■ 24.0760, 25.4076,
30.0212

■ 15.2963, 16.1039,
28.6881

■ 27.7952, 29.1902,
30.5553

■ 13.1104, 13.6466,
28.3290

■ 31.9345, 33.3310,
31.1363

■ 11.2660, 11.4908,
28.0101

■ 36.5070, 37.8395,
31.7656

■ 9.7433, 9.6225,
27.7298

■ 41.5252, 42.7251,
32.4441

■ 8.5207, 8.0269,
27.4862

■ 47.0013, 47.9967,
33.1730

■ 7.5731, 6.6871,
27.2775

■ 52.9468, 53.6629,
33.9533

■ 6.8611, 5.5785,
27.1011

■ 59.3729, 59.7322,
34.7861

■ 6.6504, 5.2462,
27.0481

■ 66.2903, 66.2126,
35.6724

Harmonies

Analogous

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



19.8835, 21.9719, 28.5388



20.7624, 21.9719, 29.5323



21.7002, 21.9719, 28.9318

Triad

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



20.7624, 21.9719, 29.5323



22.5660, 21.9719, 21.6885



19.4024, 21.9719, 21.1290

Complementary

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



20.7624, 21.9719, 29.5323



23.4171, 24.3357, 21.2329

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.



20.0879, 21.9719, 19.5296



20.7624, 21.9719, 29.5323



21.9167, 21.9719, 19.8350

Square

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



20.7624, 21.9719, 29.5323



22.7598, 21.9719, 24.2732



21.0053, 21.9719, 19.0743



19.1135, 21.9719, 23.5775

Rectangle

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



20.7624, 21.9719, 29.5323



22.2297, 21.9719, 27.7312



21.0053, 21.9719, 19.0743



19.5931, 21.9719, 20.4816

Sweetspot

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



20.7631, 21.9728, 29.5328



43.4417, 45.8146, 53.0915



21.9947, 25.6501, 26.2004



9.8714, 10.4133, 12.1619



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.



20.7631, 21.9728, 29.5328



34.6121, 36.6403, 51.7861



19.7205, 19.5555, 29.1212



5.3027, 5.6012, 6.8304



5.8135, 4.6130, 23.5611



0.0765, 0.0860, 0.2322

Inverse Universe

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



22.2479, 20.9745, 23.9959



37.7611, 34.6236, 40.0209



24.5879, 27.0892, 21.7026



5.4963, 5.4590, 6.1113



10.7375, 5.4520, 4.2690



0.1132, 0.0564, 0.0965

Previews

White Background



This preview shows how the XYZ color 20.7624, 21.9719, 29.5323 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 20.7624, 21.9719, 29.5323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

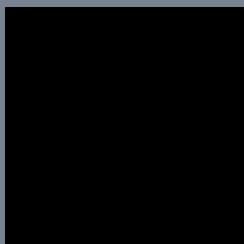
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

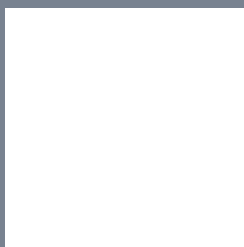
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.7624, 21.9719, 29.5323

Background



This preview shows how black text looks on a background with the XYZ color 20.7624, 21.9719, 29.5323.



This preview shows how white text looks on a background with the XYZ color 20.7624, 21.9719,

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

20.7624, 21.9719, 29.5323

Protanopia

21.4295, 21.9335, 29.0907

Deuteranopia

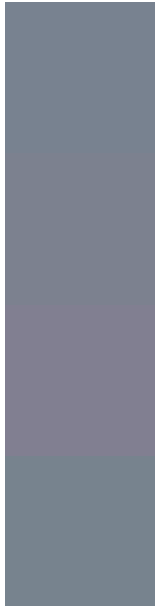
22.4032, 22.0344, 29.8603



Tritanopia

20.5318, 22.0776, 28.3786

Trichromacy



Original Color

20.7624, 21.9719, 29.5323

Protanomaly

21.1204, 21.9688, 29.1138

Deuteranomaly

21.7535, 21.8902, 29.8668

Tritanomaly

20.6065, 22.1075, 28.7723

Monochromacy



Original Color

20.7624, 21.9719, 29.5323

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.7575, 21.8574, 25.6791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7624, 21.9719, 29.5323 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(120, 130, 144)` looks like.

```
.text, #text, p{  
    color:rgb(120, 130, 144)  
}
```

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(120, 130, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 130, 144) }
```

Border

The CSS property to change the border of an element to XYZ 20.7624, 21.9719, 29.5323 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(120, 130, 144) }
```


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

```
.border{ border-color:rgb(120, 130, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 130, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 130, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 130, 144);  
box-shadow:4px 4px 4px 4px rgb(120, 130,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7624, 21.9719, 29.5323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 130, 144) }
```

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

```
.background{ background-color: rgb(120,  
130, 144) }
```

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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