

Converting Colors

XYZ(20.4288, 20.7691, 27.0611)

Have a look what the booklet for
XYZ(20.4288, 20.7691, 27.0611)
contains.

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Color

**XYZ(20.3993, 20.6859,
26.9624)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7C8A
RGB	126, 124, 138
RGB Percent	49%, 49%, 54%
CMY	0.5059, 0.5137, 0.4588
CMYK	0.09, 0.10, 0.00, 0.46
HSL	249°, 6%, 51%
HSV	249°, 10%, 54%
XYZ	20.3993, 20.6859, 26.9624
YIQ	126.1940, -3.3020, 4.7780

Conversions

Conversions Part 2

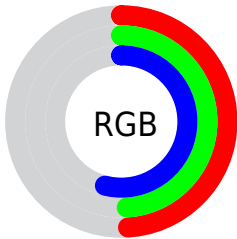
Format	Color
R_{YB}	126, 124, 138
Decimal	8289418
CIE Lab	52.60, 3.65, -7.31
CIE LCh	53, 8.172, 296.563
Yxy	20.6859, 0.2998, 0.3040
Android (android.graphics.Color)	4286479498 (0xFF7E7C8A)
YUV	126.1940, 5.8204, -0.1701
Hunter-Lab	45.4818, 0.4671, -3.3109

Details

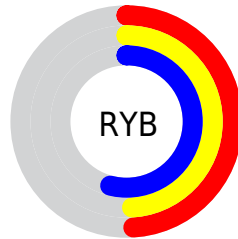
The XYZ color **20.3993, 20.6859, 26.9624** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.8807, 24.8670, 22.6636**, and the grayscale version is **19.8793, 20.9146, 22.7760**.

A 20% lighter version of the original color is **43.5197, 44.3960, 55.5658**, and **7.3381, 7.3145, 10.2576** is the 20% darker color. If you saturate the color by 10%, you get **17.1471, 16.6196, 26.3493**, and if you desaturate by 10%, it is **24.1011, 25.3444, 27.6668**.

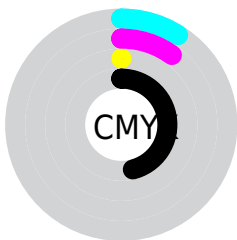
Distribution



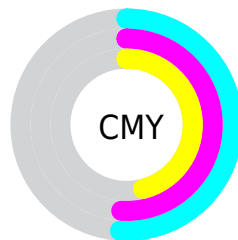
- Red (49%)
- Green (49%)
- Blue (54%)



- Red (49%)
- Yellow (49%)
- Blue (54%)



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (46%)



- Cyan (51%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3993, 20.6859, 26.9624 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 20.3993, 20.6859, 26.9624 by changing the saturation by 10% instead.

■ 20.3993, 20.6859,
26.9624

■ 20.3993, 20.6859,
26.9624

246.8612,
255.6045, 301.2294

■ 12.7956, 12.8946,
17.3128

■ 43.5845, 44.5642,
55.8265

■ 7.3640, 7.3560,
10.2934

■ 59.8967, 61.4200,
75.8781

■ 3.7391, 3.6857,
5.4858

■ 79.8424, 82.0661,
100.2342

■ 1.5556, 1.4994,
2.4714

103.7869,
106.8868, 129.3131

■ 0.3632, 0.2883,
0.8249

132.0958,
136.2666, 163.5336

■ 0.0000, 0.0000,
0.0000

165.1342,

170.5899, 203.3141

203.2675,
210.2411, 249.0732

■ 20.3993, 20.6859,
26.9624

■ 20.3993, 20.6859,
26.9624

■ 17.1471, 16.6196,
26.3493

■ 24.1011, 25.3444,
27.6668

■ 14.3255, 13.1192,
25.8223

■ 28.2669, 30.6148,
28.4645

■ 11.9168, 10.1603,
25.3781

■ 32.9127, 36.5192,
29.3593

■ 9.9015, 7.7156,
25.0125

■ 38.0531, 43.0777,
30.3543

■ 8.2584, 5.7557,
24.7208

■ 43.7024, 50.3096,
31.4525

■ 6.9642, 4.2477,
24.4979

■ 49.8738, 58.2333,
32.6566

■ 5.9930, 3.1552,
24.3382

■ 56.5806, 66.8666,
33.9695

■ 5.3153, 2.4354,
24.2350

■ 63.8351, 76.2267,
35.3939

■ 4.8700, 1.9806,
24.1707

■ 71.6495, 86.3300,
36.9321

Harmonies

Analogous

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



19.5638, 20.6859, 27.5122



20.3993, 20.6859, 26.9624



21.0532, 20.6859, 25.1950

Triad

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



20.3993, 20.6859, 26.9624



20.5733, 20.6859, 18.8480



18.0787, 20.6859, 22.2447

Complementary

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



20.3993, 20.6859, 26.9624



22.8807, 24.8670, 22.6636

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.



18.3322, 20.6859, 20.0477



20.3993, 20.6859, 26.9624



19.7592, 20.6859, 18.1774

Square

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



20.3993, 20.6859, 26.9624



21.1557, 20.6859, 20.4997



18.9414, 20.6859, 18.6005



18.2391, 20.6859, 24.6762

Rectangle

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



20.3993, 20.6859, 26.9624



21.2898, 20.6859, 23.6258



18.9414, 20.6859, 18.6005



18.1181, 20.6859, 21.4559

Sweetspot

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



20.3999, 20.6868, 26.9629



40.4930, 42.1655, 48.3877



21.7232, 23.7665, 27.4876



8.9712, 9.3175, 10.8320



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



20.3999, 20.6868, 26.9629



34.6815, 34.8633, 47.2846



21.4476, 21.2269, 27.0119



4.8368, 4.9243, 6.3014



4.4732, 1.8202, 22.1612



0.0371, 0.0159, 0.1476

Inverse Universe

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



22.1335, 21.5970, 26.2956



38.3269, 36.7778, 45.8643



21.8008, 24.3103, 22.6131



5.2037, 5.1169, 6.1610



12.6283, 6.1615, 16.3450



0.0878, 0.0425, 0.1291

Previews

White Background



This preview shows how the XYZ color 20.3993, 20.6859, 26.9624 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 20.3993, 20.6859, 26.9624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

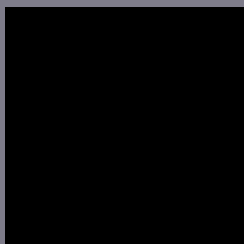
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

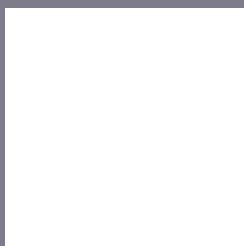
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.3993, 20.6859, 26.9624

Background



This preview shows how black text looks on a background with the XYZ color 20.3993, 20.6859, 26.9624.



This preview shows how white text looks on a background with the XYZ color 20.3993, 20.6859,

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

20.3993, 20.6859, 26.9624

Protanopia

20.2332, 20.7873, 26.9907

Deuteranopia

21.0627, 20.6596, 26.9223



Tritanopia

20.0941, 20.7484, 25.5000

Trichromacy



Original Color

20.3993, 20.6859, 26.9624

Protanomaly

20.3785, 20.8622, 26.9975

Deuteranomaly

20.8763, 20.7467, 26.9490

Tritanomaly

20.1642, 20.7765, 25.8692

Monochromacy



Original Color

20.3993, 20.6859, 26.9624

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.9671, 20.7146, 24.0650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3993, 20.6859, 26.9624 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(126, 124, 138)` looks like.

```
.text, #text, p{  
    color:rgb(126, 124, 138)  
}
```

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(126, 124, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 124, 138) }
```

Border

The CSS property to change the border of an element to XYZ 20.3993, 20.6859, 26.9624 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(126, 124, 138) }
```


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

```
.border{ border-color:rgb(126, 124, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 124, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 124, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 124, 138);  
box-shadow:4px 4px 4px 4px rgb(126, 124,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3993, 20.6859, 26.9624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 124, 138) }
```

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

```
.background{ background-color: rgb(126,  
124, 138) }
```

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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