

Converting Colors

XYZ(20.3504, 18.8853, 26.9987)

Have a look what the booklet for
XYZ(20.3504, 18.8853, 26.9987)
contains.

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Color

**XYZ(20.3504, 18.8853,
26.9987)**

Conversions

Conversions Part 1

Format	Color
Hex	85728B
RGB	133, 114, 139
RGB Percent	52%, 45%, 55%
CMY	0.4784, 0.5529, 0.4549
CMYK	0.04, 0.18, 0.00, 0.45
HSL	286°, 10%, 50%
HSV	286°, 18%, 55%
XYZ	20.3504, 18.8853, 26.9987
YIQ	122.5310, 3.2990, 11.8030

Conversions

Conversions Part 2

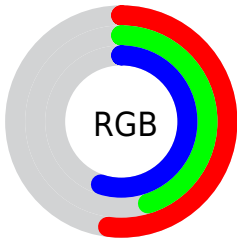
Format	Color
R_{YB}	133, 114, 139
Decimal	8745611
CIE _{Lab}	50.55, 12.26, -10.90
CIE _{LCh}	51, 16.404, 318.346
Yxy	18.8853, 0.3072, 0.2851
Android (android.graphics.Color)	4286935691 (0xFF85728B)
YUV	122.5310, 8.1192, 9.1813
Hunter-Lab	43.4572, 7.5389, -6.4151

Details

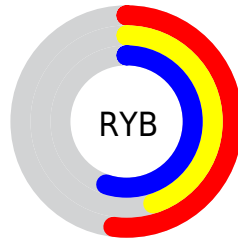
The XYZ color **20.3504, 18.8853, 26.9987** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.0163, 23.6737, 19.4351**, and the grayscale version is **18.6464, 19.6175, 21.3634**.

A 20% lighter version of the original color is **43.5116, 41.5618, 56.1810**, and **7.3187, 6.4567, 10.3117** is the 20% darker color. If you saturate the color by 10%, you get **18.3819, 15.7176, 26.4913**, and if you desaturate by 10%, it is **22.5750, 22.5398, 27.5871**.

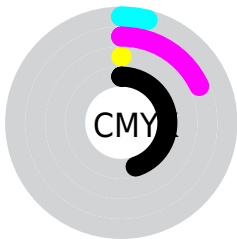
Distribution



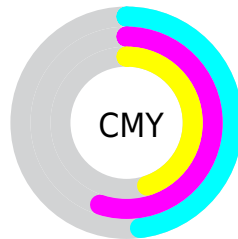
- Red (52%)
- Green (45%)
- Blue (55%)



- Red (52%)
- Yellow (45%)
- Blue (55%)



- Cyan (4%)
- Magenta (18%)
- Yellow (0%)
- Black (45%)



- Cyan (48%)
- Magenta (55%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3504, 18.8853, 26.9987 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 20.3504, 18.8853, 26.9987 by changing the saturation by 10% instead.

■ 20.3504, 18.8853,
26.9987

■ 20.3504, 18.8853,
26.9987

246.6033,
245.8148, 301.4108

■ 12.7597, 11.5874,
17.3398

■ 43.5034, 41.5402,
55.8855

■ 7.3392, 6.4634,
10.3126

■ 59.7964, 57.6660,
75.9505

■ 3.7233, 3.1289,
5.4984

■ 79.7209, 77.5033,
100.3213

■ 1.5468, 1.1994,
2.4787

■ 103.6422,
101.4363, 129.4164

■ 0.3574, 0.0612,
0.8289

131.9258,
129.8496, 163.6543

■ 0.0000, 0.0000,
0.0000

164.9370,

163.1275, 203.4537

203.0410,
201.6545, 249.2330

■ 20.3504, 18.8853,
26.9987

■ 20.3504, 18.8853,
26.9987

■ 18.3819, 15.7176,
26.4913

■ 22.5750, 22.5398,
27.5871

■ 16.6570, 13.0128,
26.0601

■ 25.0643, 26.6988,
28.2587

■ 15.1646, 10.7485,
25.7018

■ 27.8284, 31.3821,
29.0170

■ 13.8919, 8.8996,
25.4119

■ 30.8764, 36.6079,
29.8650

■ 12.8249, 7.4382,
25.1861

■ 34.2170, 42.3931,
30.8056

■ 11.9480, 6.3331,
25.0190

■ 37.8585, 48.7542,
31.8415

■ 11.2428, 5.5483,
24.9047

■ 41.8090, 55.7070,
32.9753

■ 10.6717, 5.0083,
24.8306

■ 46.0759, 63.2665,
34.2095

■ 10.5613, 4.9062,
24.8167

■ 50.6668, 71.4473,
35.5466

Harmonies

Analogous

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



18.9367, 18.8853, 30.1207



20.3504, 18.8853, 26.9987



21.1378, 18.8853, 22.3962

Triad

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



20.3504, 18.8853, 26.9987



18.5791, 18.8853, 13.0786



15.1829, 18.8853, 23.4655

Complementary

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



20.3504, 18.8853, 26.9987



20.0163, 23.6737, 19.4351

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.



15.0998, 18.8853, 18.8324



20.3504, 18.8853, 26.9987



16.9980, 18.8853, 13.2767

Square

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



20.3504, 18.8853, 26.9987



20.0753, 18.8853, 14.6524



15.7460, 18.8853, 15.2409



15.9801, 18.8853, 27.8811

Rectangle

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



20.3504, 18.8853, 26.9987



21.1722, 18.8853, 19.3091



15.7460, 18.8853, 15.2409



15.0723, 18.8853, 21.8698

Sweetspot

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



20.3510, 18.8861, 26.9991



41.6597, 42.4114, 49.7335



18.3470, 18.9355, 27.1143



9.5373, 9.6692, 11.4431



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.



20.3510, 18.8861, 26.9991



34.8044, 31.1657, 47.9242



20.8817, 19.2110, 24.7078



5.1186, 5.0695, 6.3146



9.5477, 4.4361, 22.3987



0.0765, 0.0362, 0.1494

Inverse Universe

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



20.0556, 18.8805, 20.3575



34.1929, 31.1714, 33.3986



19.5781, 23.4053, 21.3356



5.0789, 5.0670, 5.5040



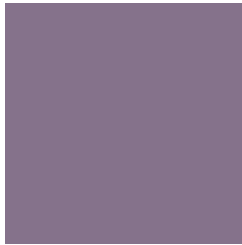
9.8682, 5.0574, 1.8101



0.0705, 0.0356, 0.0383

Previews

White Background



This preview shows how the XYZ color 20.3504, 18.8853, 26.9987 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 20.3504, 18.8853, 26.9987 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 20.3504, 18.8853, 26.9987

Background



This preview shows how black text looks on a background with the XYZ color 20.3504, 18.8853, 26.9987.



This preview shows how white text looks on a background with the XYZ color 20.3504, 18.8853,

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

20.3504, 18.8853, 26.9987

Protanopia

18.7572, 18.8898, 28.6441

Deuteranopia

19.2609, 18.8426, 26.6666



Tritanopia

19.3071, 18.7967, 22.0126

Trichromacy



Original Color

20.3504, 18.8853, 26.9987

Protanomaly

19.2698, 18.8131, 28.2069

Deuteranomaly

19.5852, 18.8378, 26.6486

Tritanomaly

19.6757, 18.7787, 23.7067

Monochromacy



Original Color

20.3504, 18.8853, 26.9987

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.4313, 19.5299, 23.5144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3504, 18.8853, 26.9987 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(133, 114, 139)` looks like.

```
.text, #text, p{  
    color:rgb(133, 114, 139)  
}
```

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(133, 114, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 114, 139) }
```

Border

The CSS property to change the border of an element to XYZ 20.3504, 18.8853, 26.9987 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(133, 114, 139) }
```


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

```
.border{ border-color:rgb(133, 114, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 114, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 114, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 114, 139);  
box-shadow:4px 4px 4px 4px rgb(133, 114,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3504, 18.8853, 26.9987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 114, 139) }
```

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

```
.background{ background-color: rgb(133,  
114, 139) }
```

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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