

Converting Colors

XYZ(19.9026, 22.8890, 25.2247)

Have a look what the booklet for
XYZ(19.9026, 22.8890, 25.2247)
contains.

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Color

**XYZ(19.9084, 22.8517,
25.1913)**

Conversions

Conversions Part 1

Format	Color
Hex	728884
RGB	114, 136, 132
RGB Percent	45%, 53%, 52%
CMY	0.5529, 0.4667, 0.4823
CMYK	0.16, 0.00, 0.03, 0.47
HSL	169°, 9%, 49%
HSV	169°, 16%, 53%
XYZ	19.9084, 22.8517, 25.1913
YIQ	128.9660, -11.8280, -5.9080

Conversions

Conversions Part 2

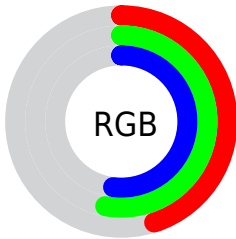
Format	Color
R_{YB}	114, 126, 136
Decimal	7506052
CIE _{Lab}	54.92, -8.75, -0.51
CIE _{LCh}	55, 8.761, 183.306
Yxy	22.8517, 0.2930, 0.3363
Android (android.graphics.Color)	4285696132 (0xFF728884)
YUV	128.9660, 1.4958, -13.1252
Hunter-Lab	47.8035, -9.3173, 2.2180

Details

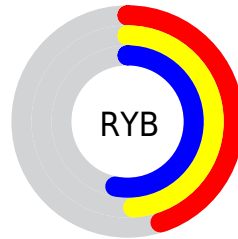
The XYZ color **19.9084, 22.8517, 25.1913** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.4414, 18.5774, 19.7016**, and the grayscale version is **20.8527, 21.9387, 23.8912**.

A 20% lighter version of the original color is **42.6804, 48.0050, 52.9153**, and **7.1359, 8.4384, 9.4363** is the 20% darker color. If you saturate the color by 10%, you get **18.1021, 21.9405, 24.2339**, and if you desaturate by 10%, it is **21.9831, 23.9021, 26.1832**.

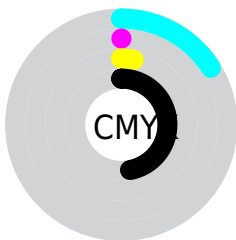
Distribution



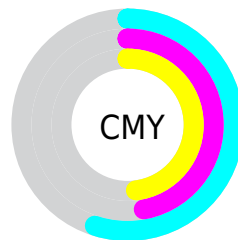
- Red (45%)
- Green (53%)
- Blue (52%)



- Red (45%)
- Yellow (49%)
- Blue (53%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (47%)



- Cyan (55%)
- Magenta (47%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9084, 22.8517, 25.1913 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 19.9084, 22.8517, 25.1913 by changing the saturation by 10% instead.

■ 19.9084, 22.8517,
25.1913

■ 19.9084, 22.8517,
25.1913

244.2618,
266.9624, 292.2674

■ 12.4364, 14.4840,
15.9993

■ 42.7687, 48.1497,
52.9354

■ 7.1159, 8.4581,
9.3693

■ 58.8876, 65.8488,
72.3245

■ 3.5817, 4.3894,
4.8828

■ 78.6196, 87.4273,
95.9498

■ 1.4683, 1.8937,
2.1211

■ 102.3299,
113.2694, 124.2298

■ 0.3041, 0.5446,
0.6283

130.3839,
143.7595, 157.5830

■ 0.0000, 0.0000,
0.0000

163.1470,

179.2821, 196.4280

200.9845,
220.2216, 241.1833

■ 19.9084, 22.8517,
25.1913

■ 19.9084, 22.8517,
25.1913

■ 18.1021, 21.9405,
24.2339

■ 21.9831, 23.9021,
26.1832

■ 16.5507, 21.1595,
23.3087

■ 24.3351, 25.0943,
27.2087

■ 15.2423, 20.5034,
22.4156

■ 26.9753, 26.4346,
28.2690

■ 14.1634, 19.9652,
21.5537

■ 29.9135, 27.9281,
29.3646

■ 13.2991, 19.5372,
20.7223

■ 33.1590, 29.5796,
30.4961

■ 12.6329, 19.2108,
19.9204

■ 36.7206, 31.3935,
31.6640

■ 12.1456, 18.9762,
19.1469

■ 40.6068, 33.3743,
32.8689

■ 11.8060, 18.8173,
18.4003

■ 44.8259, 35.5262,
34.1113

■ 11.6884, 18.7628,
18.1208

■ 49.3858, 37.8532,
35.3917

Harmonies

Analogous

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



20.0938, 22.8517, 22.5556



19.9084, 22.8517, 25.1913



20.1963, 22.8517, 27.9353

Triad

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



19.9084, 22.8517, 25.1913



22.7615, 22.8517, 29.6243



22.5696, 22.8517, 20.4029

Complementary

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



19.9084, 22.8517, 25.1913



19.4414, 18.5774, 19.7016

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.



23.3182, 22.8517, 22.0590



19.9084, 22.8517, 25.1913



23.4313, 22.8517, 27.3623

Square

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



19.9084, 22.8517, 25.1913



21.8277, 22.8517, 30.6118



23.6380, 22.8517, 24.5745



21.6123, 22.8517, 19.9152

Rectangle

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



19.9084, 22.8517, 25.1913



20.6230, 22.8517, 29.4210



23.6380, 22.8517, 24.5745



22.8549, 22.8517, 20.8350

Sweetspot

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



19.9091, 22.8527, 25.1918



39.1583, 42.3328, 46.3306



19.3178, 22.6781, 19.2789



9.0129, 9.7756, 10.7044



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.



19.9091, 22.8527, 25.1918



34.0035, 39.7252, 43.8408



19.2386, 21.0651, 26.3457



5.1345, 5.6733, 6.2291



11.0653, 17.7587, 17.1662



0.0782, 0.1199, 0.1388

Inverse Universe

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



19.4414, 18.5774, 19.7016



33.0366, 30.8824, 32.4865



20.0247, 20.1164, 18.7472



5.0676, 5.0625, 5.4446



9.7760, 5.0205, 1.3245



0.0689, 0.0349, 0.0298

Previews

White Background



This preview shows how the XYZ color 19.9084, 22.8517, 25.1913 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 19.9084, 22.8517, 25.1913 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 19.9084, 22.8517, 25.1913

Background



This preview shows how black text looks on a background with the XYZ color 19.9084, 22.8517, 25.1913.



This preview shows how white text looks on a background with the XYZ color 19.9084, 22.8517,

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

19.9084, 22.8517, 25.1913

Protanopia

21.9103, 22.8859, 24.0315

Deuteranopia

23.2201, 22.7396, 25.7196



Tritanopia

20.8384, 22.8075, 30.0921

Trichromacy



Original Color

19.9084, 22.8517, 25.1913

Protanomaly

21.1692, 22.8988, 24.4233

Deuteranomaly

21.7320, 22.5643, 25.4002

Tritanomaly

20.4678, 22.8662, 28.1458

Monochromacy



Original Color

19.9084, 22.8517, 25.1913

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.5927, 22.3993, 24.3572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9084, 22.8517, 25.1913 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(114, 136, 132) looks like.

```
.text, #text, p{  
    color:rgb(114, 136, 132)  
}
```

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(114, 136, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 136, 132) }
```

Border

The CSS property to change the border of an element to XYZ 19.9084, 22.8517, 25.1913 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(114, 136, 132) }
```


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

```
.border{ border-color:rgb(114, 136, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 136, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 136, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 136, 132);  
box-shadow:4px 4px 4px 4px rgb(114, 136,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9084, 22.8517, 25.1913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 136, 132) }
```

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

```
.background{ background-color: rgb(114,  
136, 132) }
```

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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