

Converting Colors

XYZ(20.2127, 26.2579, 22.0563)

Have a look what the booklet for
XYZ(20.2127, 26.2579, 22.0563)
contains.

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Color

**XYZ(20.1832, 26.1964,
22.0818)**

Conversions

Conversions Part 1

Format	Color
Hex	699679
RGB	105, 150, 121
RGB Percent	41%, 59%, 47%
CMY	0.5882, 0.4118, 0.5255
CMYK	0.30, 0.00, 0.19, 0.41
HSL	141°, 18%, 50%
HSV	141°, 30%, 59%
XYZ	20.1832, 26.1964, 22.0818
YIQ	133.2390, -17.5110, -18.5590

Conversions

Conversions Part 2

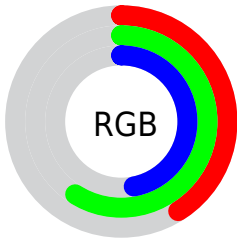
Format	Color
RYB	105, 138, 150
Decimal	6919801
CIELab	58.22, -21.63, 10.47
CIELCh	58, 24.026, 154.175
Yxy	26.1964, 0.2948, 0.3826
Android (android.graphics.Color)	4285109881 (0xFF699679)
YUV	133.2390, -6.0338, -24.7656
Hunter-Lab	51.1824, -19.1798, 10.2480

Details

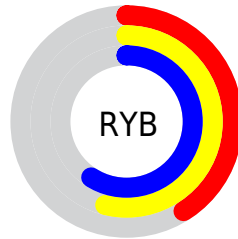
The XYZ color **20.1832, 26.1964, 22.0818** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.9332, 18.3090, 24.9332**, and the grayscale version is **22.4078, 23.5748, 25.6729**.

A 20% lighter version of the original color is **43.0403, 53.3710, 47.5683**, and **7.2624, 10.2323, 7.7232** is the 20% darker color. If you saturate the color by 10%, you get **18.0110, 25.1424, 19.0393**, and if you desaturate by 10%, it is **22.7270, 27.4365, 25.4530**.

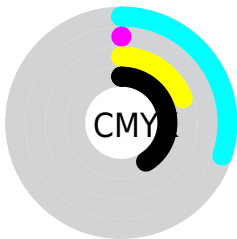
Distribution



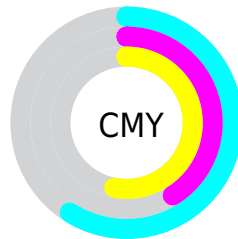
- Red (41%)
- Green (59%)
- Blue (47%)



- Red (41%)
- Yellow (54%)
- Blue (59%)



- Cyan (30%)
- Magenta (0%)
- Yellow (19%)
- Black (41%)



- Cyan (59%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1832, 26.1964, 22.0818 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 20.1832, 26.1964, 22.0818 by changing the saturation by 10% instead.

■ 20.1832, 26.1964,
22.0818

■ 20.1832, 26.1964,
22.0818

245.7199,
283.7449, 275.9406

■ 12.6373, 16.9706,
13.7181

■ 43.2257, 53.5916,
47.7851

■ 7.2546, 10.2136,
7.7884

■ 59.4531, 72.5299,
65.9618

■ 3.6695, 5.5408,
3.8740

■ 79.3050, 95.4744,
88.2465

■ 1.5169, 2.5679,
1.5565

■ 103.1467,
122.8095, 115.0579

■ 0.3373, 0.9106,
0.2595

131.3438,
154.9198, 146.8145

■ 0.0000, 0.0000,
0.0000

164.2614,

192.1895, 183.9348

202.2650,
235.0031, 226.8373

■ 20.1832, 26.1964,
22.0818

■ 20.1832, 26.1964,
22.0818

■ 18.0110, 25.1424,
19.0393

■ 22.7270, 27.4365,
25.4530

■ 16.1903, 24.2623,
16.3138

■ 25.6571, 28.8680,
29.1606

■ 14.7021, 23.5470,
13.8954


■ 28.9901, 30.5000,
33.2143


■ 13.5247, 22.9858,
11.7732


■ 32.7406, 32.3397,
37.6228


■ 12.6338, 22.5663,
9.9353


■ 36.9228, 34.3945,
42.3946


 12.0010, 22.2741,
8.3693

 41.5502, 36.6709,
47.5378

 11.5571, 22.0738,
7.0600

 46.6356, 39.1756,
53.0603

 52.1912, 41.9146,
58.9698

 58.2289, 44.8939,
65.2736

Harmonies

Analogous

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



21.8789, 26.1964, 17.1898



20.1832, 26.1964, 22.0818



19.7128, 26.1964, 29.7091

Triad

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



20.1832, 26.1964, 22.0818



25.3095, 26.1964, 47.7336



29.8341, 26.1964, 20.4174

Complementary

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



20.1832, 26.1964, 22.0818



21.9332, 18.3090, 24.9332

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.



30.9230, 26.1964, 27.3697



20.1832, 26.1964, 22.0818



28.1847, 26.1964, 43.9860

Square

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



20.1832, 26.1964, 22.0818



22.5343, 26.1964, 45.5658



30.2972, 26.1964, 36.1098



27.4233, 26.1964, 16.3687

Rectangle

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



20.1832, 26.1964, 22.0818



20.1239, 26.1964, 35.6214



30.2972, 26.1964, 36.1098



30.3751, 26.1964, 22.4371

Sweetspot

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



20.1839, 26.1975, 22.0824



45.7343, 51.1671, 52.0255



23.3285, 27.9227, 17.5249



9.9722, 11.2595, 11.3274



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.1839, 26.1975, 22.0824



32.9760, 44.9468, 35.3035



21.7097, 26.8078, 30.1173



5.8097, 6.5005, 6.6088



9.5990, 18.3124, 5.9299



0.1306, 0.2294, 0.1415

Inverse Universe

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



21.9332, 18.3090, 24.9332



36.5694, 28.7306, 41.1514



20.5407, 17.7520, 17.6006



5.9486, 5.8745, 6.8357



12.2240, 6.0946, 9.9264



0.1637, 0.0802, 0.1956

Previews

White Background



This preview shows how the XYZ color 20.1832, 26.1964, 22.0818 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 20.1832, 26.1964, 22.0818 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 20.1832, 26.1964, 22.0818

Background



This preview shows how black text looks on a background with the XYZ color 20.1832, 26.1964, 22.0818.



This preview shows how white text looks on a background with the XYZ color 20.1832, 26.1964,

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

20.1832, 26.1964, 22.0818

Protanopia

24.4176, 25.9292, 20.2409

Deuteranopia

26.2637, 25.7745, 22.6595



Tritanopia

22.8933, 26.1299, 35.7353

Trichromacy



Original Color

20.1832, 26.1964, 22.0818

Protanomaly

22.6082, 25.8585, 20.9391

Deuteranomaly

23.6007, 25.6752, 22.4508

Tritanomaly

21.7744, 26.1323, 30.2820

Monochromacy



Original Color

20.1832, 26.1964, 22.0818

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.3634, 24.2612, 24.3258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1832, 26.1964, 22.0818 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(105, 150, 121)` looks like.

```
.text, #text, p{  
    color:rgb(105, 150, 121)  
}
```

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(105, 150, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 150, 121) }
```

Border

The CSS property to change the border of an element to XYZ 20.1832, 26.1964, 22.0818 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(105, 150, 121) }
```


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

```
.border{ border-color:rgb(105, 150, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 150, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 150, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 150, 121);  
box-shadow:4px 4px 4px 4px rgb(105, 150,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1832, 26.1964, 22.0818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 150, 121) }
```

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

```
.background{ background-color: rgb(105,  
150, 121) }
```

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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