

Converting Colors

XYZ(19.7586, 21.8449, 26.1769)

Have a look what the booklet for
XYZ(19.7586, 21.8449, 26.1769)
contains.

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Color

**XYZ(19.8269, 21.9648,
26.1163)**

Conversions

Conversions Part 1

Format	Color
Hex	748487
RGB	116, 132, 135
RGB Percent	45%, 52%, 53%
CMY	0.5451, 0.4823, 0.4706
CMYK	0.14, 0.02, 0.00, 0.47
HSL	189°, 8%, 49%
HSV	189°, 14%, 53%
XYZ	19.8269, 21.9648, 26.1163
YIQ	127.5580, -10.4990, -2.4590

Conversions

Conversions Part 2

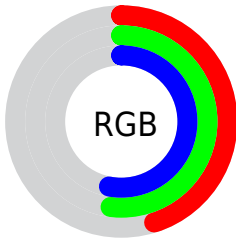
Format	Color
R_{YB}	116, 125, 135
Decimal	7636103
CIE _{Lab}	53.99, -5.14, -3.59
CIE _{LCh}	54, 6.275, 214.928
Yxy	21.9648, 0.2920, 0.3234
Android (android.graphics.Color)	4285826183 (0xFF748487)
YUV	127.5580, 3.6689, -10.1364
Hunter-Lab	46.8666, -6.5022, -0.2326

Details

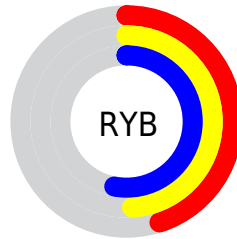
The XYZ color **19.8269, 21.9648, 26.1163** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.7410, 19.6055, 19.2672**, and the grayscale version is **20.3557, 21.4158, 23.3218**.

A 20% lighter version of the original color is **42.5745, 46.6536, 54.3381**, and **7.1168, 8.0713, 9.7772** is the 20% darker color. If you saturate the color by 10%, you get **17.8754, 20.5349, 25.9435**, and if you desaturate by 10%, it is **22.0464, 23.5428, 26.3043**.

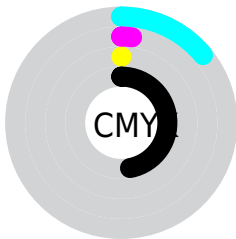
Distribution



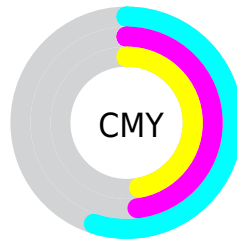
- Red (45%)
- Green (52%)
- Blue (53%)



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



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8269, 21.9648, 26.1163 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 19.8269, 21.9648, 26.1163 by changing the saturation by 10% instead.

■ 19.8269, 21.9648,
26.1163

■ 19.8269, 21.9648,
26.1163

243.8279,
262.3624, 296.9761

■ 12.3768, 13.8310,
16.6841

■ 42.6329, 46.6878,
54.4489

■ 7.0749, 8.0032,
9.8500

■ 58.7196, 64.0459,
74.1864

■ 3.5557, 4.0970,
5.1953

■ 78.4158, 85.2474,
98.1961

■ 1.4540, 1.7280,
2.3016

102.0870,
110.6770, 126.8965

■ 0.2942, 0.4417,
0.7321

130.0984,
140.7188, 160.7061

■ 0.0000, 0.0000,
0.0000

162.8155,

175.7574, 200.0436

200.6035,
216.1772, 245.3274

■ 19.8269, 21.9648,
26.1163

■ 19.8269, 21.9648,
26.1163

■ 17.8754, 20.5349,
25.9435

■ 22.0464, 23.5428,
26.3043

■ 16.1788, 19.2445,
25.7838

■ 24.5425, 25.2717,
26.5064

■ 14.7256, 18.0882,
25.6373

■ 27.3259, 27.1575,
26.7237

■ 13.5028, 17.0593,
25.5031

■ 30.4060, 29.2051,
26.9566

■ 12.4961, 16.1503,
25.3807

■ 33.7919, 31.4194,
27.2055

■ 11.6896, 15.3531,
25.2693

■ 37.4921, 33.8048,
27.4709

■ 11.0652, 14.6582,
25.1681

■ 41.5152, 36.3656,
27.7532

■ 10.5997, 14.0536,
25.0760

■ 45.8689, 39.1059,
28.0527

■ 10.3566, 13.7161,
25.0236

■ 50.5610, 42.0299,
28.3697

Harmonies

Analogous

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



19.6057, 21.9648, 24.2378



19.8269, 21.9648, 26.1163



20.3297, 21.9648, 27.4570

Triad

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



19.8269, 21.9648, 26.1163



22.0793, 21.9648, 25.5321



20.7652, 21.9648, 20.3880

Complementary

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



19.8269, 21.9648, 26.1163



19.7410, 19.6055, 19.2672

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.



21.4338, 21.9648, 20.6932



19.8269, 21.9648, 26.1163



22.2019, 21.9648, 23.5969

Square

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



19.8269, 21.9648, 26.1163



21.6317, 21.9648, 27.1071



21.9633, 21.9648, 21.8428



20.1399, 21.9648, 20.9856

Rectangle

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



19.8269, 21.9648, 26.1163



20.7619, 21.9648, 27.8281



21.9633, 21.9648, 21.8428



20.9923, 21.9648, 20.3887

Sweetspot

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



19.8275, 21.9657, 26.1168



39.4736, 42.1554, 47.1047



19.1876, 22.3696, 20.7124



9.0754, 9.7162, 10.9034



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.



19.8275, 21.9657, 26.1168



34.2989, 38.4600, 46.6641



18.6156, 19.5419, 25.7128



4.7407, 5.1571, 5.9463



9.5579, 12.6636, 23.0773



0.0373, 0.0522, 0.0813

Inverse Universe

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



20.4024, 19.3081, 24.4824



35.5507, 32.7430, 43.0895



20.9093, 21.9420, 19.6566



4.8272, 4.7506, 5.7022



12.0025, 5.8653, 15.1173



0.0437, 0.0212, 0.0635

Previews

White Background



This preview shows how the XYZ color 19.8269, 21.9648, 26.1163 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 19.8269, 21.9648, 26.1163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

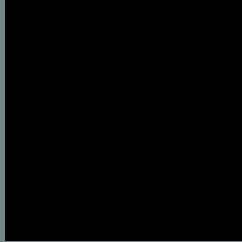
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

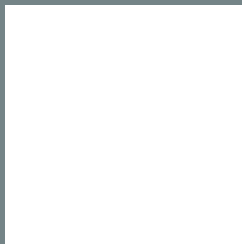
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.8269, 21.9648, 26.1163

Background



This preview shows how black text looks on a background with the XYZ color 19.8269, 21.9648, 26.1163.



This preview shows how white text looks on a background with the XYZ color 19.8269, 21.9648,

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

19.8269, 21.9648, 26.1163

Protanopia

21.1587, 21.8776, 25.2979

Deuteranopia

22.2588, 21.8481, 26.3365



Tritanopia

20.2601, 21.9376, 28.3659

Trichromacy



Original Color

19.8269, 21.9648, 26.1163

Protanomaly

20.6108, 21.7817, 25.6722

Deuteranomaly

21.3690, 21.9617, 26.4053

Tritanomaly

20.1126, 21.8786, 27.5890

Monochromacy



Original Color

19.8269, 21.9648, 26.1163

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.2592, 21.6243, 24.5789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8269, 21.9648, 26.1163 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(116, 132, 135)` looks like.

```
.text, #text, p{  
    color:rgb(116, 132, 135)  
}
```

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(116, 132, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 132, 135) }
```

Border

The CSS property to change the border of an element to XYZ 19.8269, 21.9648, 26.1163 is called "border". The border property can be set on classes, ids or directly on the HTML element.

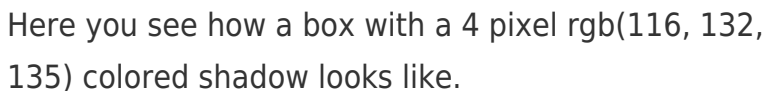
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 132, 135) }
```


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

```
.border{ border-color:rgb(116, 132, 135) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 132, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 132, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 132, 135); box-shadow:4px 4px 4px 4px rgb(116, 132, 135) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8269, 21.9648, 26.1163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 132, 135) }
```

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

```
.background{ background-color: rgb(116,  
132, 135) }
```

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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