

Converting Colors

XYZ(20.1486, 26.6878, 15.9212)

Have a look what the booklet for
XYZ(20.1486, 26.6878, 15.9212)
contains.

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Color

**XYZ(20.1625, 26.8021,
15.9150)**

Conversions

Conversions Part 1

Format	Color
Hex	709863
RGB	112, 152, 99
RGB Percent	44%, 60%, 39%
CMY	0.5608, 0.4039, 0.6118
CMYK	0.26, 0.00, 0.35, 0.40
HSL	105°, 21%, 49%
HSV	105°, 35%, 60%
XYZ	20.1625, 26.8021, 15.9150
YIQ	133.9980, -6.8270, -24.9630

Conversions

Conversions Part 2

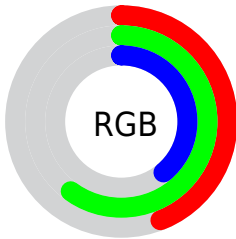
Format	Color
R_{YB}	99, 152, 139
Decimal	7379043
CIE _{Lab}	58.79, -24.18, 23.60
CIE _{LCh}	59, 33.782, 135.694
Yxy	26.8021, 0.3207, 0.4262
Android (android.graphics.Color)	4285569123 (0xFF709863)
YUV	133.9980, -17.2540, -19.2922
Hunter-Lab	51.7707, -21.0807, 18.0130

Details

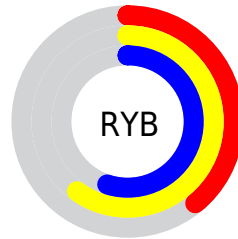
The XYZ color **20.1625, 26.8021, 15.9150** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.7779, 16.6804, 31.8317**, and the grayscale version is **22.7231, 23.9065, 26.0341**.

A 20% lighter version of the original color is **43.0934, 54.3440, 37.0723**, and **7.2601, 10.5794, 4.9082** is the 20% darker color. If you saturate the color by 10%, you get **18.1354, 25.8341, 12.3774**, and if you desaturate by 10%, it is **22.5138, 27.9230, 20.1830**.

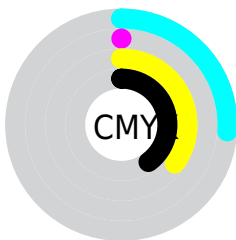
Distribution



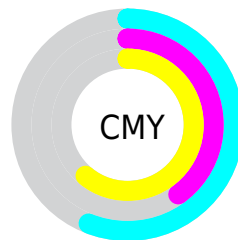
- Red (44%)
- Green (60%)
- Blue (39%)



- Red (39%)
- Yellow (60%)
- Blue (55%)



- Cyan (26%)
- Magenta (0%)
- Yellow (35%)
- Black (40%)



- Cyan (56%)
- Magenta (40%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1625, 26.8021, 15.9150 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 20.1625, 26.8021, 15.9150 by changing the saturation by 10% instead.

■ 20.1625, 26.8021,
15.9150

■ 20.1625, 26.8021,
15.9150

245.6103,
286.6976, 240.6682

■ 12.6222, 17.4246,
9.3103

■ 43.1913, 54.5661,
37.2153

■ 7.2441, 10.5377,
4.8446

■ 59.4105, 73.7215,
52.7480

■ 3.6629, 5.7569,
2.0992

■ 79.2534, 96.9050,
72.0938

■ 1.5133, 2.6978,
0.6153

■ 103.0853,
124.5010, 95.6713

■ 0.3348, 0.9761,
0.0000

131.2716,
156.8938, 123.8989

■ 0.0000, 0.0000,
0.0000

164.1776,

194.4679, 157.1952

202.1687,
237.6078, 195.9788

■ 20.1625, 26.8021,
15.9150

■ 20.1625, 26.8021,
15.9150

■ 18.1354, 25.8341,
12.3774

■ 22.5138, 27.9230,
20.1830

■ 16.4158, 25.0089,
9.5275

■ 25.2009, 29.1996,
25.2172

■ 14.9885, 24.3205,
7.3210


■ 28.2375, 30.6390,
31.0533


■ 13.8362, 23.7609,
5.7078


■ 31.6356, 32.2467,
37.7242


■ 12.9393, 23.3215,
4.6301


■ 35.4070, 34.0280,
45.2610


 12.2748, 22.9919,
4.0149

 39.5626, 35.9879,
53.6931

 12.0018, 22.8561,
3.7791

 44.1131, 38.1314,
63.0486

 49.0686, 40.4631,
73.3544

 54.4389, 42.9875,
84.6362

Harmonies

Analogous

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



23.3691, 26.8021, 12.2028



20.1625, 26.8021, 15.9150



18.4756, 26.8021, 23.8743

Triad

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



20.1625, 26.8021, 15.9150



23.5464, 26.8021, 57.5273



33.9887, 26.8021, 23.4081

Complementary

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



20.1625, 26.8021, 15.9150



20.7779, 16.6804, 31.8317

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.



34.0496, 26.8021, 35.2254



20.1625, 26.8021, 15.9150



27.7029, 26.8021, 57.3016

Square

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



20.1625, 26.8021, 15.9150



20.2801, 26.8021, 48.8660



31.6463, 26.8021, 48.3142



31.4880, 26.8021, 15.6543

Rectangle

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



20.1625, 26.8021, 15.9150



18.3075, 26.8021, 31.5181



31.6463, 26.8021, 48.3142



34.3036, 26.8021, 26.9660

Sweetspot

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



20.1632, 26.8032, 15.9156



46.9071, 52.6889, 49.1439



24.3986, 25.9704, 15.5316



10.5057, 11.9017, 10.8713



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



20.1632, 26.8032, 15.9156



32.6985, 45.9275, 23.0262



19.3132, 26.2858, 19.4586



6.2671, 6.9951, 6.6257



10.0875, 19.1762, 3.1697



0.1799, 0.3017, 0.0487

Inverse Universe

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



20.7779, 16.6804, 31.8317



33.9404, 25.2543, 55.5194



22.0537, 17.4566, 26.5386



6.3132, 6.2473, 7.8021



10.6784, 4.9559, 25.3015



0.1915, 0.0905, 0.3797

Previews

White Background



This preview shows how the XYZ color 20.1625, 26.8021, 15.9150 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 20.1625, 26.8021, 15.9150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

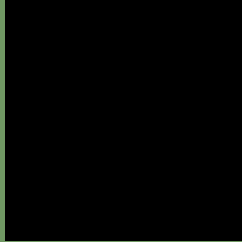
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.1625, 26.8021, 15.9150

Background



This preview shows how black text looks on a background with the XYZ color 20.1625, 26.8021, 15.9150.



This preview shows how white text looks on a background with the XYZ color 20.1625, 26.8021,

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

20.1625, 26.8021, 15.9150

Protanopia

24.6821, 26.6302, 14.4289

Deuteranopia

27.0485, 26.5227, 16.5257



Tritanopia

24.1522, 26.7887, 35.3503

Trichromacy



Original Color

20.1625, 26.8021, 15.9150

Protanomaly

22.7180, 26.4986, 14.9837

Deuteranomaly

23.9558, 26.2121, 16.3672

Tritanomaly

22.4343, 26.7806, 26.9084

Monochromacy



Original Color

20.1625, 26.8021, 15.9150

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.5803, 24.8658, 21.7513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1625, 26.8021, 15.9150 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(112, 152, 99)` looks like.

```
.text, #text, p{  
    color:rgb(112, 152, 99)  
}
```

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(112, 152, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 152, 99) }
```

Border

The CSS property to change the border of an element to XYZ 20.1625, 26.8021, 15.9150 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(112, 152, 99) }
```


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

```
.border{ border-color:rgb(112, 152, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 152, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 152, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 152, 99);  
box-shadow:4px 4px 4px 4px rgb(112, 152,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1625, 26.8021, 15.9150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 152, 99) }
```

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

```
.background{ background-color: rgb(112,  
152, 99) }
```

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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