

Converting Colors

XYZ(21.5629, 26.0237, 6.6653)

Have a look what the booklet for
XYZ(21.5629, 26.0237, 6.6653)
contains.

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Color

**XYZ(21.6434, 26.1269,
6.6986)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9130
RGB	141, 145, 48
RGB Percent	55%, 57%, 19%
CMY	0.4471, 0.4314, 0.8118
CMYK	0.03, 0.00, 0.67, 0.43
HSL	62°, 50%, 38%
HSV	62°, 67%, 57%
XYZ	21.6434, 26.1269, 6.6986
YIQ	132.7460, 28.7530, -31.0150

Conversions

Conversions Part 2

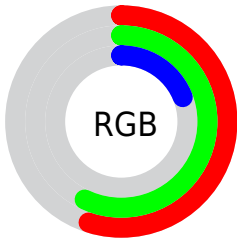
Format	Color
R_{YB}	48, 145, 52
Decimal	9277744
CIE _{Lab}	58.16, -14.32, 48.90
CIE _{LCh}	58, 50.956, 106.317
Yxy	26.1269, 0.3974, 0.4797
Android (android.graphics.Color)	4287467824 (0xFF8D9130)
YUV	132.7460, -41.7798, 7.2388
Hunter-Lab	51.1145, -13.8681, 28.0101

Details


The XYZ color **21.6434, 26.1269, 6.6986** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7.5848, 4.8889, 27.3335**, and the grayscale version is **22.3423, 23.5058, 25.5979**.

A 20% lighter version of the original color is **45.7496, 53.6373, 19.9984**, and **8.1167, 10.2591, 1.5524** is the 20% darker color. If you saturate the color by 10%, you get **21.2905, 25.9750, 5.3676**, and if you desaturate by 10%, it is **22.0959, 26.3207, 8.5461**.

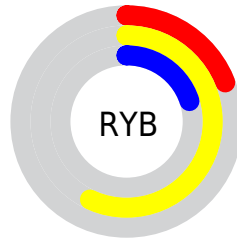
Distribution



 Red (55%)

 Green (57%)

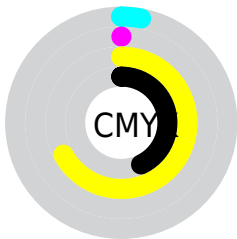
 Blue (19%)



 Red (19%)

 Yellow (57%)

 Blue (20%)

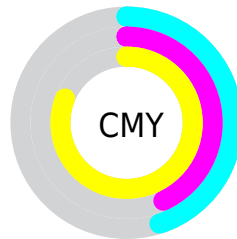


 Cyan (3%)


 Magenta (0%)

 Yellow (67%)

 Black (43%)



 Cyan (45%)

 Magenta (43%)

 Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6434, 26.1269, 6.6986 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 21.6434, 26.1269, 6.6986 by changing the saturation by 10% instead.

■ 21.6434, 26.1269,
6.6986

■ 21.6434, 26.1269,
6.6986

253.3458,
283.4045, 174.6701

■ 13.7102, 16.9186,
3.1988

■ 45.6392, 53.4796,
19.8667

■ 7.9998, 10.1765,
1.1970

■ 62.4325, 72.3928,
30.3720

■ 4.1466, 5.5161,
0.0000

■ 82.9099, 95.3097,
44.0496

■ 1.7854, 2.5532,
0.0000

■ 107.4367,
122.6148, 61.3180

■ 0.5089, 0.9032,
0.0000

■ 136.3784,
154.6924, 82.5957

■ 0.0000, 0.0000,
0.0000

■ 170.1003,

191.9270, 108.3012

208.9676,
234.7029, 138.8532

■ 21.6434, 26.1269,
6.6986

■ 21.6434, 26.1269,
6.6986

■ 21.2905, 25.9750,
5.3676

■ 22.0959, 26.3207,
8.5461

■ 21.0255, 25.8573,
4.4990

■ 22.6548, 26.5561,
10.9537

■ 20.8322, 25.7684,
4.0051

■ 23.3285, 26.8375,
13.9626

■ 20.7765, 25.7425,
3.8738

■ 24.1238, 27.1676,
17.6094

■ 25.0472, 27.5490,
21.9279

■ 26.1047, 27.9841,
26.9494

■ 27.3018, 28.4751,
32.7034

■ 28.6439, 29.0242,
39.2176

■ 30.1358, 29.6333,
46.5183

Harmonies

Analogous

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



27.7494, 26.1269, 6.5455



21.6434, 26.1269, 6.6986



17.1963, 26.1269, 10.8292

Triad

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



21.6434, 26.1269, 6.6986



17.5003, 26.1269, 60.8151



38.2517, 26.1269, 37.2758

Complementary

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



21.6434, 26.1269, 6.6986



7.5848, 4.8889, 27.3335

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.



34.4496, 26.1269, 58.9988



21.6434, 26.1269, 6.6986



22.1281, 26.1269, 75.9439

Square

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



21.6434, 26.1269, 6.6986



15.0898, 26.1269, 39.1136



28.3212, 26.1269, 75.1678



38.0635, 26.1269, 19.9219

Rectangle

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



21.6434, 26.1269, 6.6986



15.4673, 26.1269, 16.8560



28.3212, 26.1269, 75.1678



37.3740, 26.1269, 44.4137

Sweetspot

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



21.6440, 26.1281, 6.6991



44.2441, 49.0820, 36.4030



13.4055, 8.6219, 3.7543



9.7504, 10.8807, 7.6670



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.6440, 26.1281, 6.6991



37.8810, 46.4067, 8.7727



15.2012, 22.8067, 6.3976



5.8179, 6.2742, 5.7938



17.8251, 22.0818, 3.3227



0.1748, 0.2134, 0.0320

Inverse Universe

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



7.5848, 4.8889, 27.3335



10.8751, 5.5656, 48.4746



11.3947, 6.8530, 27.5118



5.1489, 5.2650, 6.7736



4.4536, 1.7895, 23.0878



0.0459, 0.0188, 0.2209

Previews

White Background



This preview shows how the XYZ color 21.6434, 26.1269, 6.6986 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 21.6434, 26.1269, 6.6986 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 21.6434, 26.1269, 6.6986

Background



This preview shows how black text looks on a background with the XYZ color 21.6434, 26.1269, 6.6986.



This preview shows how white text looks on a background with the XYZ color 21.6434, 26.1269,

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

21.6434, 26.1269, 6.6986

Protanopia

23.6015, 26.0293, 6.4696

Deuteranopia

26.4629, 26.0217, 6.8767



Tritanopia

26.5701, 26.1677, 30.8446

Trichromacy



Original Color

21.6434, 26.1269, 6.6986

Protanomaly

22.9486, 26.1305, 6.5235

Deuteranomaly

24.4435, 25.8117, 6.8258

Tritanomaly

24.0797, 25.7941, 18.4615

Monochromacy



Original Color

21.6434, 26.1269, 6.6986

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.4973, 24.0849, 16.0862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6434, 26.1269, 6.6986 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(141, 145, 48)` looks like.

```
.text, #text, p{  
    color:rgb(141, 145, 48)  
}
```

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(141, 145, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 145, 48) }
```

Border

The CSS property to change the border of an element to XYZ 21.6434, 26.1269, 6.6986 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(141, 145, 48) }
```


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

```
.border{ border-color:rgb(141, 145, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 145, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 145, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 145, 48);  
box-shadow:4px 4px 4px 4px rgb(141, 145,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6434, 26.1269, 6.6986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 145, 48) }
```

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

```
.background{ background-color: rgb(141,  
145, 48) }
```

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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