

Converting Colors

XYZ(21.2908, 14.6114, 34.9558)

Have a look what the booklet for
XYZ(21.2908, 14.6114, 34.9558)
contains.

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Color

**XYZ(21.3202, 14.6260,
34.9571)**

Conversions

Conversions Part 1

Format	Color
Hex	9351A0
RGB	147, 81, 160
RGB Percent	58%, 32%, 63%
CMY	0.4235, 0.6823, 0.3725
CMYK	0.08, 0.49, 0.00, 0.37
HSL	290°, 33%, 47%
HSV	290°, 49%, 63%
XYZ	21.3202, 14.6260, 34.9571
YIQ	109.7400, 13.9770, 38.5610

Conversions

Conversions Part 2

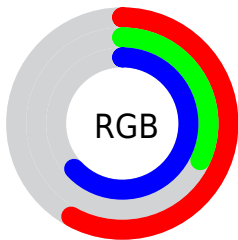
Format	Color
R_{YB}	147, 81, 160
Decimal	9654688
CIE _{Lab}	45.12, 40.36, -31.57
CIE _{LCh}	45, 51.244, 321.966
Yxy	14.6260, 0.3007, 0.2063
Android (android.graphics.Color)	4287844768 (0xFF9351A0)
YUV	109.7400, 24.7782, 32.6770
Hunter-Lab	38.2440, 32.5831, -27.4236

Details

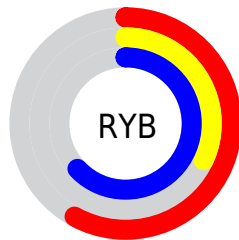
The XYZ color **21.3202, 14.6260, 34.9571** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **18.6726, 28.1158, 12.2280**, and the grayscale version is **14.6757, 15.4400, 16.8141**.

A 20% lighter version of the original color is **45.2819, 34.3779, 68.5390**, and **7.8129, 4.4424, 14.6330** is the 20% darker color. If you saturate the color by 10%, you get **19.8017, 12.2816, 34.5848**, and if you desaturate by 10%, it is **23.1307, 17.5375, 35.4239**.

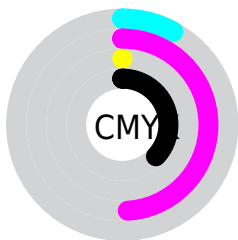
Distribution



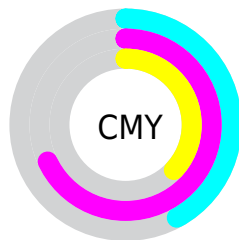
- Red (58%)
- Green (32%)
- Blue (63%)



- Red (58%)
- Yellow (32%)
- Blue (63%)



- Cyan (8%)
- Magenta (49%)
- Yellow (0%)
- Black (37%)



- Cyan (42%)
- Magenta (68%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3202, 14.6260, 34.9571 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 21.3202, 14.6260, 34.9571 by changing the saturation by 10% instead.

■ 21.3202, 14.6260,
34.9571

■ 21.3202, 14.6260,
34.9571

251.6750,
221.0912, 339.2774

■ 13.4721, 8.5573,
23.3465

■ 45.1071, 34.1957,
68.5701

■ 7.8336, 4.4536,
14.6419

■ 61.7766, 48.4656,
91.4097

■ 4.0396, 1.9304,
8.4246

■ 82.1172, 66.2379,
118.8293

■ 1.7246, 0.5666,
4.2762

■ 106.4943, 87.8972,
151.2475

■ 0.4716, 0.0000,
1.7781

■ 135.2733,
113.8277, 189.0829

■ 0.0000, 0.0000,
0.4134

168.8195,

■ 0.0000, 0.0000,

144.4140, 232.7540

0.0000

207.4983,
180.0404, 282.6793

■ 21.3202, 14.6260,
34.9571

■ 21.3202, 14.6260,
34.9571

■ 19.8017, 12.2816,
34.5848

■ 23.1307, 17.5375,
35.4239

■ 18.5536, 10.4624,
34.2995

■ 25.2497, 21.0504,
35.9902

■ 17.5537, 9.1238,
34.0938

■ 27.6943, 25.1982,
36.6620

■ 16.7755, 8.2127,
33.9590

■ 30.4800, 30.0118,
37.4443

■ 16.1616, 7.6148,
33.8759

■ 33.6211, 35.5198,
38.3419

■ 16.1244, 7.5795,
33.8710

■ 37.1311, 41.7492,
39.3593

■ 41.0230, 48.7254,
40.5007

■ 45.3088, 56.4729,
41.7702

■ 50.0002, 65.0147,
43.1717

Harmonies

Analogous

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



17.1622, 14.6260, 48.6499



21.3202, 14.6260, 34.9571



23.5808, 14.6260, 19.3979

Triad

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



21.3202, 14.6260, 34.9571



15.0664, 14.6260, 2.2196



7.6537, 14.6260, 26.2925

Complementary

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



21.3202, 14.6260, 34.9571



18.6726, 28.1158, 12.2280

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.



7.3167, 14.6260, 12.8939



21.3202, 14.6260, 34.9571



11.0825, 14.6260, 2.6352

Square

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



21.3202, 14.6260, 34.9571



19.5228, 14.6260, 3.7401



8.4409, 14.6260, 5.4712



9.4784, 14.6260, 42.1289

Rectangle

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



21.3202, 14.6260, 34.9571



23.4436, 14.6260, 11.5776



8.4409, 14.6260, 5.4712



7.3799, 14.6260, 21.2442

Sweetspot

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



21.3207, 14.6266, 34.9574



52.2738, 49.1725, 67.1227



13.7567, 12.3232, 34.9115



11.2508, 10.4163, 14.6612



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.3207, 14.6266, 34.9574



35.7638, 22.0142, 62.7507



21.7200, 15.0710, 24.1973



6.7969, 6.6993, 8.3415



12.5920, 5.9204, 26.3863



0.2512, 0.1193, 0.4730

Inverse Universe

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



19.4605, 14.1672, 12.2993



32.2323, 21.2239, 16.0422



18.6361, 27.9599, 18.4173



6.6754, 6.6631, 7.1417



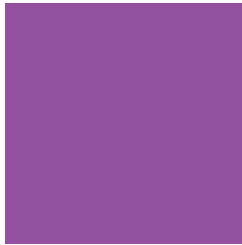
11.4528, 5.8857, 1.3695



0.2157, 0.1096, 0.0821

Previews

White Background



This preview shows how the XYZ color 21.3202, 14.6260, 34.9571 looks on a white 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

Black Background



This preview shows how the XYZ color 21.3202, 14.6260, 34.9571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

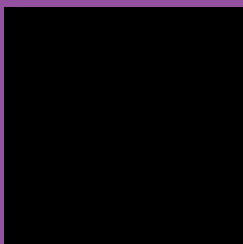
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.3202, 14.6260, 34.9571

Background



This preview shows how black text looks on a background with the XYZ color 21.3202, 14.6260, 34.9571.



This preview shows how white text looks on a background with the XYZ color 21.3202, 14.6260,

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

21.3202, 14.6260, 34.9571

Protanopia

16.2937, 14.9352, 45.7401

Deuteranopia

15.0949, 14.7493, 33.0617



Tritanopia

17.1379, 14.6327, 14.4915

Trichromacy



Original Color

21.3202, 14.6260, 34.9571

Protanomaly

17.0925, 14.1496, 41.3654

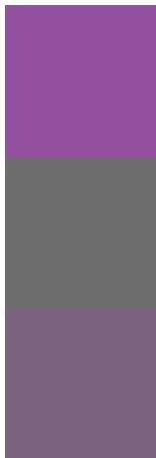
Deuteranomaly

16.6672, 14.2349, 33.7674

Tritanomaly

18.3866, 14.4932, 20.5673

Monochromacy



Original Color

21.3202, 14.6260, 34.9571

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

16.5265, 14.6931, 22.3871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3202, 14.6260, 34.9571 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(147, 81, 160)` looks like.

```
.text, #text, p{  
    color:rgb(147, 81, 160)  
}
```

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(147, 81, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 81, 160) }
```

Border

The CSS property to change the border of an element to XYZ 21.3202, 14.6260, 34.9571 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(147, 81, 160) }
```


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

```
.border{ border-color:rgb(147, 81, 160) }
```

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

Here you see how a box with a 4 pixel rgb(147, 81, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 81, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 81, 160);  
box-shadow:4px 4px 4px 4px rgb(147, 81,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3202, 14.6260, 34.9571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 81, 160) }
```

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

```
.background{ background-color: rgb(147, 81,  
160) }
```

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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