

Converting Colors

XYZ(31.9049, 22.5048, 66.8990)

Have a look what the booklet for
XYZ(31.9049, 22.5048, 66.8990)
contains.

XYZ(32.0153, 22.5865, 66.9622)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.0153, 22.5865,
66.9622)**

Conversions

Conversions Part 1

Format	Color
Hex	A169D7
RGB	161, 105, 215
RGB Percent	63%, 41%, 84%
CMY	0.3686, 0.5882, 0.1569
CMYK	0.25, 0.51, 0.00, 0.16
HSL	271°, 58%, 63%
HSV	271°, 51%, 84%
XYZ	32.0153, 22.5865, 66.9622
YIQ	134.2840, -1.9340, 46.0820

Conversions

Conversions Part 2

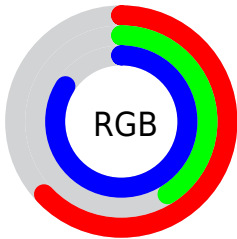
Format	Color
RYB	161, 105, 215
Decimal	10578391
CIELab	54.64, 43.39, -48.28
CIELCh	55, 64.914, 311.947
Yxy	22.5865, 0.2634, 0.1858
Android (android.graphics.Color)	4288768471 (0xFFA169D7)
YUV	134.2840, 39.7930, 23.4299
Hunter-Lab	47.5253, 37.0770, -50.2708

Details

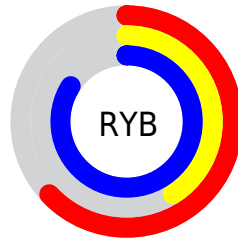
The XYZ color **32.0153, 22.5865, 66.9622** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **41.1486, 56.9921, 22.1971**, and the grayscale version is **22.6239, 23.8021, 25.9205**.

A 20% lighter version of the original color is **59.1903, 46.5791, 100.4787**, and **13.6552, 8.3346, 34.1467** is the 20% darker color. If you saturate the color by 10%, you get **28.0581, 17.6967, 66.2273**, and if you desaturate by 10%, it is **36.7073, 28.6776, 67.8910**.

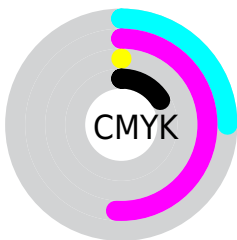
Distribution



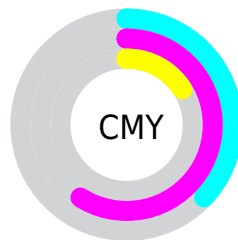
- Red (63%)
- Green (41%)
- Blue (84%)



- Red (63%)
- Yellow (41%)
- Blue (84%)



- Cyan (25%)
- Magenta (51%)
- Yellow (0%)
- Black (16%)



- Cyan (37%)
- Magenta (59%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0153, 22.5865, 66.9622 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 32.0153, 22.5865, 66.9622 by changing the saturation by 10% instead.

■ 32.0153, 22.5865,
66.9622

■ 32.0153, 22.5865,
66.9622

302.9330,
265.5940, 468.3080

■ 21.5288, 14.2885,
48.5925

■ 62.2001, 47.7135,
116.5064

■ 13.6257, 8.3216,
33.9330

■ 82.6291, 65.3112,
148.5179

■ 7.9408, 4.3014,
22.5652

■ 107.1030, 86.7776,
185.9139

■ 4.1086, 1.8436,
14.0705

■ 135.9871,
112.4971, 229.1127

■ 1.7637, 0.5141,
8.0304

169.6468,
142.8541, 278.5330

■ 0.4957, 0.0000,
4.0264

208.4475,

■ 0.0000, 0.0000,

178.2330, 334.5933

1.6398

252.7544,
219.0182, 397.7121

■ 0.0000, 0.0000,
0.3190

■ 0.0000, 0.0000,
0.0000

■ 32.0153, 22.5865,
66.9622

■ 32.0153, 22.5865,
66.9622

■ 28.0581, 17.6967,
66.2273

■ 36.7073, 28.6776,
67.8910

■ 24.7860, 13.9181,
65.6705

■ 42.1739, 36.0457,
69.0251

■ 22.1467, 11.1518,
65.2756

■ 48.4547, 44.7633,
70.3767

■ 20.0771, 9.2789,
65.0232

■ 55.5858, 54.8966,
71.9568

■ 18.6289, 8.1866,
64.8887

■ 63.6010, 66.5073,
73.7754

■ 72.5319, 79.6535,
75.8422

■ 82.2482, 94.0686,
78.1125

■ 85.8348, 95.9176,
78.2803

■ 89.2658, 97.6863,
78.4409

Harmonies

Analogous

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



24.4373, 22.5865, 86.6061



32.0153, 22.5865, 66.9622



37.3462, 22.5865, 38.9012

Triad

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



32.0153, 22.5865, 66.9622



26.0097, 22.5865, 2.9518



10.6423, 22.5865, 33.6639

Complementary

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



32.0153, 22.5865, 66.9622



41.1486, 56.9921, 22.1971

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.



10.8811, 22.5865, 14.3094



32.0153, 22.5865, 66.9622



18.7491, 22.5865, 2.6959

Square

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



32.0153, 22.5865, 66.9622



33.3840, 22.5865, 6.5608



13.5359, 22.5865, 5.4085



12.7898, 22.5865, 61.3524

Rectangle

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



32.0153, 22.5865, 66.9622



38.3207, 22.5865, 23.2807



13.5359, 22.5865, 5.4085



10.4620, 22.5865, 25.9534

Sweetspot

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



32.0162, 22.5874, 66.9627



77.4647, 74.5880, 104.9218



30.6629, 33.0519, 69.0539



16.1029, 15.2862, 22.3518



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.0162, 22.5874, 66.9627



41.0621, 25.7702, 97.4177



45.3422, 29.4572, 67.5864



12.3393, 12.3163, 15.6645



11.2650, 4.9598, 38.8168



0.7749, 0.3484, 2.3457

Inverse Universe

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



39.3344, 27.0540, 35.9498



53.5622, 33.3962, 44.5983



32.6765, 52.6246, 21.8006



12.6748, 12.5214, 14.2278



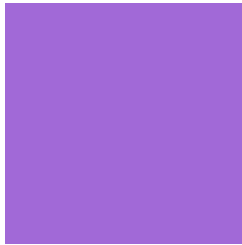
18.3571, 9.2791, 9.1843



1.1490, 0.5764, 0.7739

Previews

White Background



This preview shows how the XYZ color 32.0153, 22.5865, 66.9622 looks on a white background.

Color Contrast Check

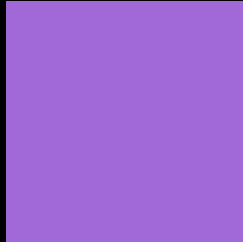
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.0153, 22.5865, 66.9622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

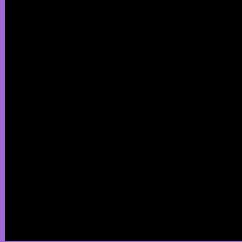
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.0153, 22.5865, 66.9622

Background



This preview shows how black text looks on a background with the XYZ color 32.0153, 22.5865, 66.9622.

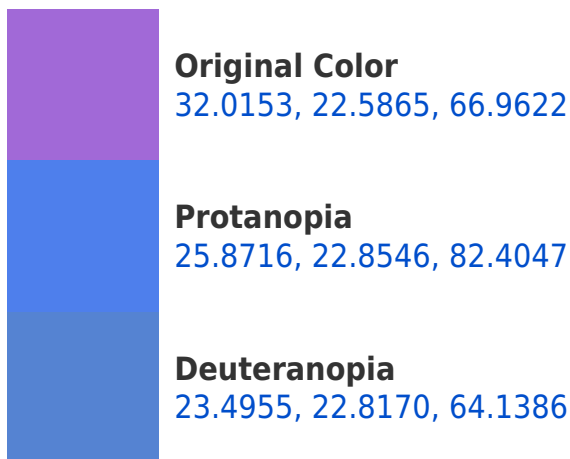


This preview shows how white text looks on a background with the XYZ color 32.0153, 22.5865,

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





Tritanopia

23.7394, 22.6195, 26.0365

Trichromacy



Original Color

32.0153, 22.5865, 66.9622



Protanomaly

26.7848, 21.9832, 76.2303



Deuteranomaly

25.6533, 22.1832, 65.2171



Tritanomaly

26.1282, 22.3126, 38.0516

Monochromacy



Original Color

32.0153, 22.5865, 66.9622



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

25.1954, 22.7396, 37.7116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0153, 22.5865, 66.9622 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(161, 105, 215)` looks like.

```
.text, #text, p{  
    color:rgb(161, 105, 215)  
}
```

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(161, 105, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 105, 215) }
```

Border

The CSS property to change the border of an element to XYZ 32.0153, 22.5865, 66.9622 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(161, 105, 215) }
```


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

```
.border{ border-color:rgb(161, 105, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 105, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 105, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 105, 215);  
box-shadow:4px 4px 4px 4px rgb(161, 105,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0153, 22.5865, 66.9622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 105, 215) }
```

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

```
.background{ background-color: rgb(161,  
105, 215) }
```

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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