

Converting Colors

XYZ(30.6617, 20.9870, 62.0597)

Have a look what the booklet for
XYZ(30.6617, 20.9870, 62.0597)
contains.

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Color

**XYZ(30.6531, 20.9708,
62.1067)**

Conversions

Conversions Part 1

Format	Color
Hex	A262D0
RGB	162, 98, 208
RGB Percent	64%, 38%, 82%
CMY	0.3647, 0.6157, 0.1843
CMYK	0.22, 0.53, 0.00, 0.18
HSL	275°, 54%, 60%
HSV	275°, 53%, 82%
XYZ	30.6531, 20.9708, 62.1067
YIQ	129.6760, 2.8340, 47.7780

Conversions

Conversions Part 2

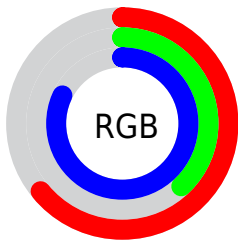
Format	Color
R _Y B	162, 98, 208
Decimal	10642128
CIE Lab	52.92, 45.83, -47.04
CIE LCh	53, 65.674, 314.250
Yxy	20.9708, 0.2695, 0.1844
Android (android.graphics.Color)	4288832208 (0xFFA262D0)
YUV	129.6760, 38.6137, 28.3481
Hunter-Lab	45.7939, 39.3434, -48.3547

Details

The XYZ color **30.6531, 20.9708, 62.1067** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **36.2626, 51.9234, 19.6670**, and the grayscale version is **20.9720, 22.0642, 24.0279**.

A 20% lighter version of the original color is **58.3300, 44.4133, 100.1060**, and **12.8297, 7.4587, 30.9005** is the 20% darker color. If you saturate the color by 10%, you get **27.2477, 16.6922, 61.4607**, and if you desaturate by 10%, it is **34.6880, 26.3252, 62.9279**.

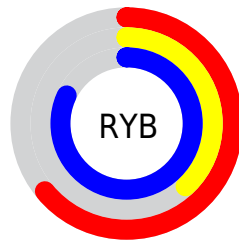
Distribution



Red (64%)

Green (38%)

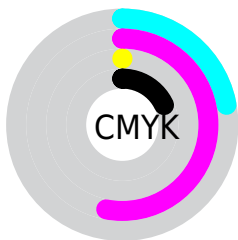
Blue (82%)



Red (64%)

Yellow (38%)

Blue (82%)

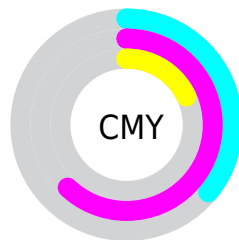


Cyan (22%)

Magenta (53%)

Yellow (0%)

Black (18%)



Cyan (36%)

Magenta (62%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6531, 20.9708, 62.1067 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 30.6531, 20.9708, 62.1067 by changing the saturation by 10% instead.

30.6531, 20.9708,
62.1067

30.6531, 20.9708,
62.1067

296.7925,
257.1233, 450.3386

20.4854, 13.1027,
44.6826

60.0731, 45.0389,
109.4528

12.8587, 7.4993,
30.8663

80.0560, 62.0077,
140.2119

7.4076, 3.7763,
20.2395

104.0414, 82.7788,
176.2530

3.7669, 1.5492,
12.3834

132.3946,
107.7367, 217.9948

1.5711, 0.3230,
6.8797

165.4809,
137.2657, 265.8557

0.3735, 0.0000,
3.3097

203.6658,

0.0000, 0.0000,

171.7501, 320.2542

1.2548

247.3145,
211.5746, 381.6090

■ 0.0000, 0.0000,
0.0243

■ 0.0000, 0.0000,
0.0000

■ 30.6531, 20.9708,
62.1067

■ 30.6531, 20.9708,
62.1067

■ 27.2477, 16.6922,
61.4607

■ 34.6880, 26.3252,
62.9279

■ 24.4267, 13.4057,
60.9750


■ 39.3880, 32.8257,
63.9349


■ 22.1425, 11.0185,
60.6346


■ 44.7889, 40.5394,
65.1391


■ 20.3370, 9.4183,
60.4209


■ 50.9227, 49.5272,
66.5507


 19.2731, 8.6205,
60.3230

 57.8195, 59.8460,
68.1789

 65.5077, 71.5493,
70.0327

 74.0139, 84.6874,
72.1202

 80.2900, 93.1609,
73.4250

 83.1773, 94.6493,
73.5601

Harmonies

Analogous

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



23.3666, 20.9708, 82.6972



30.6531, 20.9708, 62.1067



35.5550, 20.9708, 34.7293

Triad

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



30.6531, 20.9708, 62.1067



23.7401, 20.9708, 2.3412



9.6685, 20.9708, 33.4788

Complementary

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



30.6531, 20.9708, 62.1067



36.2626, 51.9234, 19.6670

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.



9.7239, 20.9708, 14.0215



30.6531, 20.9708, 62.1067



16.8518, 20.9708, 2.2855

Square

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



30.6531, 20.9708, 62.1067



30.9802, 20.9708, 5.2939



12.0573, 20.9708, 5.0339



11.8832, 20.9708, 60.7515

Rectangle

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



30.6531, 20.9708, 62.1067



36.2358, 20.9708, 20.1411



12.0573, 20.9708, 5.0339



9.4416, 20.9708, 25.7561

Sweetspot

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



30.6539, 20.9716, 62.1072



77.3864, 73.5809, 104.7316



26.6504, 27.6067, 63.5989



16.1270, 15.1082, 22.3161



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.



30.6539, 20.9716, 62.1072



42.7786, 25.9563, 97.3631



40.8841, 26.3473, 57.9842



11.8131, 11.7525, 14.8895



12.1243, 5.4306, 37.6017



0.7673, 0.3497, 2.1066

Inverse Universe

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



35.4147, 24.1596, 29.1829



51.7538, 31.9198, 37.3973



30.1605, 48.7357, 21.2727



12.0109, 11.8891, 13.3330



17.3299, 8.8048, 6.6434



1.0082, 0.5080, 0.5778

Previews

White Background



This preview shows how the XYZ color 30.6531, 20.9708, 62.1067 looks on a white background.

Color Contrast Check

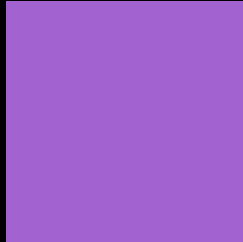
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6531, 20.9708, 62.1067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

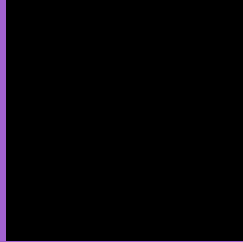
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.6531, 20.9708, 62.1067

Background



This preview shows how black text looks on a background with the XYZ color 30.6531, 20.9708, 62.1067.



This preview shows how white text looks on a background with the XYZ color 30.6531, 20.9708,

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

30.6531, 20.9708, 62.1067

Protanopia

24.3209, 21.3698, 79.1869

Deuteranopia

21.8173, 21.2820, 58.8351



Tritanopia

22.7036, 20.8787, 22.9121

Trichromacy



Original Color

30.6531, 20.9708, 62.1067

Protanomaly

25.1623, 20.3656, 72.4168

Deuteranomaly

23.8266, 20.2952, 59.7883

Tritanomaly

25.0116, 20.6392, 34.1180

Monochromacy



Original Color

30.6531, 20.9708, 62.1067

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

23.8053, 21.1763, 35.1805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6531, 20.9708, 62.1067 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(162, 98, 208)` looks like.

```
.text, #text, p{  
    color:rgb(162, 98, 208)  
}
```

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(162, 98, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 98, 208) }
```

Border

The CSS property to change the border of an element to XYZ 30.6531, 20.9708, 62.1067 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(162, 98, 208) }
```


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

```
.border{ border-color:rgb(162, 98, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 98, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 98, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 98, 208);  
box-shadow:4px 4px 4px 4px rgb(162, 98,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6531, 20.9708, 62.1067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 98, 208) }
```

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

```
.background{ background-color: rgb(162, 98,  
208) }
```

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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