

Converting Colors

XYZ(32.4461, 26.2218, 65.4073)

Have a look what the booklet for
XYZ(32.4461, 26.2218, 65.4073)
contains.

XYZ(32.5437, 26.2907, 65.6467)	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(32.5437, 26.2907,
65.6467)**

Conversions

Conversions Part 1

Format	Color
Hex	9A7DD4
RGB	154, 125, 212
RGB Percent	60%, 49%, 83%
CMY	0.3961, 0.5098, 0.1686
CMYK	0.27, 0.41, 0.00, 0.17
HSL	260°, 50%, 66%
HSV	260°, 41%, 83%
XYZ	32.5437, 26.2907, 65.6467
YIQ	143.5890, -10.6430, 33.2050

Conversions

Conversions Part 2

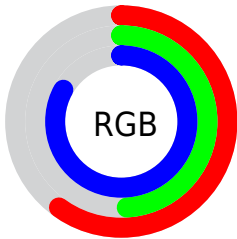
Format	Color
RYB	154, 125, 212
Decimal	10124756
CIELab	58.31, 29.48, -40.83
CIELCh	58, 50.367, 305.831
Yxy	26.2907, 0.2614, 0.2112
Android (android.graphics.Color)	4288314836 (0xFF9A7DD4)
YUV	143.5890, 33.7266, 9.1304
Hunter-Lab	51.2745, 23.5630, -40.0169

Details

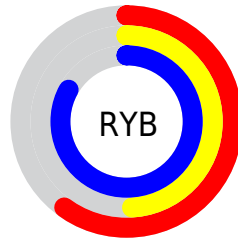
The XYZ color **32.5437, 26.2907, 65.6467** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **46.7741, 58.6354, 28.2555**, and the grayscale version is **26.2170, 27.5823, 30.0371**.

A 20% lighter version of the original color is **60.5487, 52.7624, 101.6006**, and **13.9258, 10.3125, 33.1548** is the 20% darker color. If you saturate the color by 10%, you get **27.6075, 20.1786, 64.7276**, and if you desaturate by 10%, it is **38.3713, 33.7136, 66.7728**.

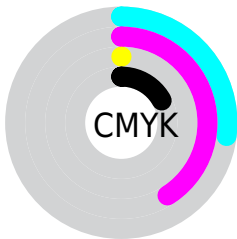
Distribution



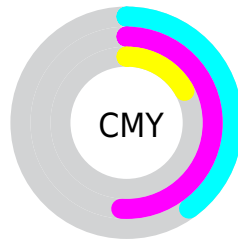
- Red (60%)
- Green (49%)
- Blue (83%)



- Red (60%)
- Yellow (49%)
- Blue (83%)



- Cyan (27%)
- Magenta (41%)
- Yellow (0%)
- Black (17%)



- Cyan (40%)
- Magenta (51%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5437, 26.2907, 65.6467 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 32.5437, 26.2907, 65.6467 by changing the saturation by 10% instead.

■ 32.5437, 26.2907,
65.6467

■ 32.5437, 26.2907,
65.6467

305.2901,
284.2062, 463.4820

■ 21.9347, 17.0412,
47.5310

■ 63.0219, 53.7435,
114.6013

■ 13.9252, 10.2639,
33.0983

■ 83.6219, 72.7157,
146.2772

■ 8.1500, 5.5743,
21.9300

■ 108.2828, 95.6976,
183.3103

■ 4.2437, 2.5880,
13.6077

137.3701,
123.0736, 226.1191

■ 1.8409, 0.9206,
7.7127

171.2491,
155.2280, 275.1221

■ 0.5421, 0.0000,
3.8265

210.2852,

■ 0.0000, 0.0000,

192.5453, 330.7379

1.5307

254.8437,
235.4099, 393.3850

■ 0.0000, 0.0000,
0.2406

■ 0.0000, 0.0000,
0.0000

■ 32.5437, 26.2907,
65.6467

■ 32.5437, 26.2907,
65.6467

■ 27.6075, 20.1786,
64.7276

■ 38.3713, 33.7136,
66.7728

■ 23.5120, 15.2950,
64.0008


■ 45.1314, 42.5167,
68.1156


■ 20.2058, 11.5529,
63.4528


■ 52.8658, 52.7679,
69.6867


■ 17.6294, 8.8521,
63.0672


■ 61.6128, 64.5299,
71.4960


 15.7137, 7.0737,
62.8249

 71.4087, 77.8614,
73.5529

 14.4580, 6.0806,
62.6994

 82.2878, 92.8182,
75.8665

 88.1282, 97.1440,
76.3936

 88.8837, 97.5335,
76.4290

Harmonies

Analogous

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



26.2053, 26.2907, 77.0573



32.5437, 26.2907, 65.6467



37.3596, 26.2907, 44.7925

Triad

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



32.5437, 26.2907, 65.6467



30.1323, 26.2907, 7.5518



15.0004, 26.2907, 32.1945

Complementary

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



32.5437, 26.2907, 65.6467



46.7741, 58.6354, 28.2555

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.



15.7031, 26.2907, 16.9092



32.5437, 26.2907, 65.6467



23.8100, 26.2907, 6.4633

Square

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



32.5437, 26.2907, 65.6467



35.8157, 26.2907, 13.0625



18.7037, 26.2907, 9.0522



16.5981, 26.2907, 53.2853

Rectangle

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



32.5437, 26.2907, 65.6467



38.6853, 26.2907, 31.1514



18.7037, 26.2907, 9.0522



14.9793, 26.2907, 26.2411

Sweetspot

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



32.5447, 26.2917, 65.6473



78.9424, 78.3408, 105.5683



37.2754, 42.9812, 68.6194



16.5511, 16.3075, 22.5253



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.



32.5447, 26.2917, 65.6473



42.9870, 31.9354, 98.5062



42.3751, 31.3595, 66.1074



12.1288, 12.2078, 15.6546



9.0210, 3.8030, 38.7117



0.6307, 0.2740, 2.3390

Inverse Universe

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



43.0328, 32.0840, 48.7248



61.2839, 42.0604, 68.0717



37.9770, 54.1004, 27.8438



12.7689, 12.5590, 14.7230



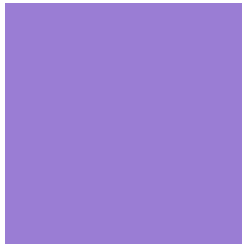
19.7934, 9.8537, 16.7481



1.2315, 0.6094, 1.2086

Previews

White Background



This preview shows how the XYZ color 32.5437, 26.2907, 65.6467 looks on a white background.

Color Contrast Check

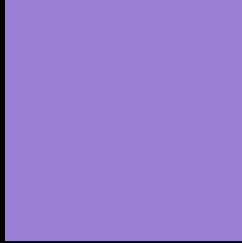
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5437, 26.2907, 65.6467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

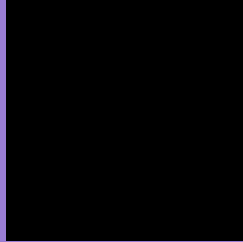
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.5437, 26.2907, 65.6467

Background



This preview shows how black text looks on a background with the XYZ color 32.5437, 26.2907, 65.6467.



This preview shows how white text looks on a background with the XYZ color 32.5437, 26.2907,

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

32.5437, 26.2907, 65.6467

Protanopia

28.4493, 26.4072, 73.4097

Deuteranopia

27.0479, 26.3199, 63.9763



Tritanopia

25.8128, 26.3859, 32.1663

Trichromacy



Original Color

32.5437, 26.2907, 65.6467

Protanomaly

29.6312, 26.2495, 70.5228

Deuteranomaly

28.6154, 26.0633, 64.4953

Tritanomaly

27.8256, 26.1397, 42.6086

Monochromacy



Original Color

32.5437, 26.2907, 65.6467

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.3198, 27.0518, 41.2650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5437, 26.2907, 65.6467 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(154, 125, 212)` looks like.

```
.text, #text, p{  
    color:rgb(154, 125, 212)  
}
```

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(154, 125, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 125, 212) }
```

Border

The CSS property to change the border of an element to XYZ 32.5437, 26.2907, 65.6467 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(154, 125, 212) }
```


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

```
.border{ border-color:rgb(154, 125, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 125, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 125, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 125, 212);  
box-shadow:4px 4px 4px 4px rgb(154, 125,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5437, 26.2907, 65.6467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 125, 212) }
```

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

```
.background{ background-color: rgb(154,  
125, 212) }
```

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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