

Converting Colors

XYZ(28.0526, 32.4787, 80.4578)

Have a look what the booklet for
XYZ(28.0526, 32.4787, 80.4578)
contains.

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Color

**XYZ(28.0526, 32.5026,
80.3964)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 17A4E7 |
| RGB | 23, 164, 231 |
| RGB Percent | 9%, 64%, 91% |
| CMY | 0.9097, 0.3569, 0.0941 |
| CMYK | 0.90, 0.29, 0.00, 0.09 |
| HSL | 199°, 82%, 50% |
| HSV | 199°, 90%, 91% |
| XYZ | 28.0526, 32.5026, 80.3964 |
| YIQ | 129.4790, -105.5430, -9.0550 |

Conversions

Conversions Part 2

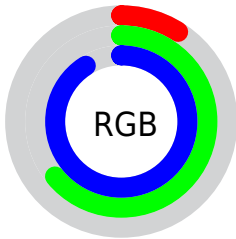
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 23, 107, 231 |
| Decimal | 1549543 |
| CIE Lab | 63.76, -10.88, -43.26 |
| CIE LCh | 64, 44.604, 255.888 |
| Yxy | 32.5026, 0.1990, 0.2306 |
| Android (android.graphics.Color) | 4279739623 (0xFF17A4E7) |
| YUV | 129.4790, 50.0499, -93.3821 |
| Hunter-Lab | 57.0111, -11.9374, -43.7024 |

Details

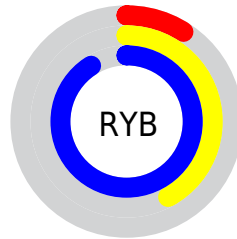
The XYZ color **28.0526, 32.5026, 80.3964** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **36.7691, 24.3687, 3.5780**, and the grayscale version is **20.8943, 21.9824, 23.9389**.

A 20% lighter version of the original color is **49.9371, 61.2625, 103.8006**, and **13.5320, 14.6835, 42.6784** is the 20% darker color. If you saturate the color by 10%, you get **26.4102, 29.7422, 79.9508**, and if you desaturate by 10%, it is **30.2035, 35.6472, 80.8907**.

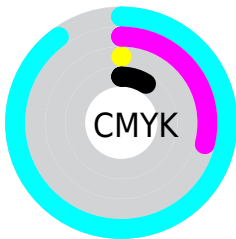
Distribution



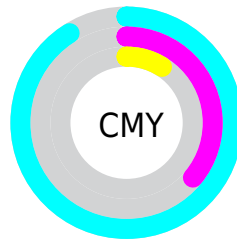
- Red (9%)
- Green (64%)
- Blue (91%)



- Red (9%)
- Yellow (42%)
- Blue (91%)



- Cyan (90%)
- Magenta (29%)
- Yellow (0%)
- Black (9%)



- Cyan (91%)
- Magenta (36%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0526, 32.5026, 80.3964 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 28.0526, 32.5026, 80.3964 by changing the saturation by 10% instead.

■ 28.0526, 32.5026,
80.3964

■ 28.0526, 32.5026,
80.3964

284.7937,
313.4024, 516.0097

■ 18.5060, 21.7457,
59.5165

■ 55.9765, 63.5982,
135.7393

■ 11.4157, 13.6701,
42.6063

■ 75.0844, 84.7056,
171.0395

■ 6.4165, 7.8916,
29.2472

■ 98.1102, 110.0320,
211.9834

■ 3.1430, 4.0257,
19.0207

■ 125.4191,
139.9618, 258.9898

■ 1.2298, 1.6879,
11.5083

■ 157.3766,
174.8794, 312.4770

■ 0.1297, 0.4158,
6.2914

194.3479,

■ 0.0000, 0.0000,

215.1690, 372.8637

2.9514

236.6985,
261.2153, 440.5684

■ 0.0000, 0.0000,
1.0699

■ 0.0000, 0.0000,
0.0000

■ 28.0526, 32.5026,
80.3964

■ 28.0526, 32.5026,
80.3964

■ 26.4102, 29.7422,
79.9508

■ 30.2035, 35.6472,
80.8907

■ 32.9919, 39.2377,
81.4368

■ 36.4989, 43.3181,
82.0395

■ 40.7917, 47.9249,
82.7025

■ 45.9295, 53.0903,
83.4287

■ 51.9653, 58.8436,
84.2211

■ 58.9475, 65.2113,
85.0822

■ 66.9209, 72.2182,
86.0144

■ 75.9275, 79.8875,
87.0200

Harmonies

Analogous

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



23.2559, 32.5026, 66.3206



28.0526, 32.5026, 80.3964



34.3028, 32.5026, 79.9201

Triad

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



28.0526, 32.5026, 80.3964



43.9614, 32.5026, 26.7747



23.0386, 32.5026, 16.4236

Complementary

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



28.0526, 32.5026, 80.3964



36.7691, 24.3687, 3.5780

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.



27.7165, 32.5026, 11.5263



28.0526, 32.5026, 80.3964



40.0414, 32.5026, 15.9755

Square

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



28.0526, 32.5026, 80.3964



44.0835, 32.5026, 44.4682



33.9184, 32.5026, 11.3960



20.6368, 32.5026, 27.6396

Rectangle

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



28.0526, 32.5026, 80.3964



38.4913, 32.5026, 71.2645



33.9184, 32.5026, 11.3960



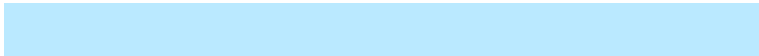
24.3664, 32.5026, 14.1791

Sweetspot

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



28.0538, 32.5037, 80.3972



67.4239, 75.8535, 105.6953



30.7288, 58.0543, 19.0128



13.8235, 15.6723, 22.5464



0.0000, 0.0000, 0.0000



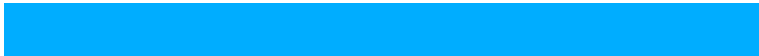
20.3446, 21.4041, 23.3091

Same Dimension

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



28.0538, 32.5037, 80.3972



32.9647, 37.0493, 100.0216



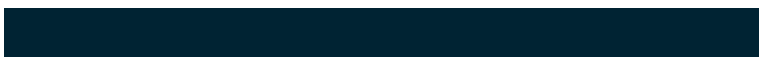
16.4553, 9.3067, 76.5311



14.3955, 15.5124, 18.3798



14.9229, 16.9079, 44.8602



1.1860, 1.4159, 3.3428

Inverse Universe

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



39.9633, 20.2836, 36.9316



48.7682, 24.2713, 41.5732



52.1523, 55.1350, 8.7057



14.7872, 14.5321, 17.0799



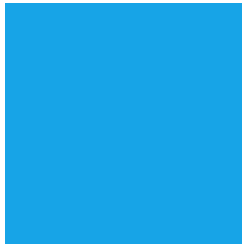
21.9259, 10.9046, 19.0365



1.6623, 0.8226, 1.6280

Previews

White Background



This preview shows how the XYZ color 28.0526, 32.5026, 80.3964 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 28.0526, 32.5026, 80.3964 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 ✓ Pass

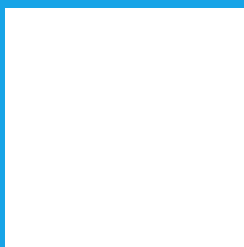
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.0526, 32.5026, 80.3964

Background



This preview shows how black text looks on a background with the XYZ color 28.0526, 32.5026, 80.3964.

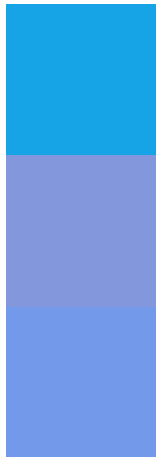


This preview shows how white text looks on a background with the XYZ color 28.0526, 32.5026,

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

28.0526, 32.5026, 80.3964

Protanopia

33.3449, 32.1258, 72.1536

Deuteranopia

33.1819, 32.3004, 82.3276



Tritanopia

23.1102, 32.5447, 49.8635

Trichromacy



Original Color

28.0526, 32.5026, 80.3964

Protanomaly

29.7566, 31.4341, 75.0200

Deuteranomaly

30.1583, 31.7465, 81.6290

Tritanomaly

24.5281, 32.2270, 59.5713

Monochromacy



Original Color

28.0526, 32.5026, 80.3964

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.7724, 24.2728, 39.6667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0526, 32.5026, 80.3964 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(23, 164, 231)` looks like.

```
.text, #text, p{  
    color:rgb(23, 164, 231)  
}
```

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(23, 164, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 164, 231) }
```

Border

The CSS property to change the border of an element to XYZ 28.0526, 32.5026, 80.3964 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(23, 164, 231) }
```


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

```
.border{ border-color:rgb(23, 164, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 164, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 164, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 164, 231);  
box-shadow:4px 4px 4px 4px rgb(23, 164,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0526, 32.5026, 80.3964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 164, 231) }
```

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

```
.background{ background-color: rgb(23, 164,  
231) }
```

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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