

Converting Colors

XYZ(18.3365, 17.3917, 64.0184)

Have a look what the booklet for
XYZ(18.3365, 17.3917, 64.0184)
contains.

XYZ(18.3125, 17.3534, 64.0124)	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(18.3125, 17.3534,
64.0124)**

Conversions

Conversions Part 1

Format	Color
Hex	1574D3
RGB	21, 116, 211
RGB Percent	8%, 45%, 83%
CMY	0.9175, 0.5451, 0.1725
CMYK	0.90, 0.45, 0.00, 0.17
HSL	210°, 82%, 45%
HSV	210°, 90%, 83%
XYZ	18.3125, 17.3534, 64.0124
YIQ	98.4250, -87.1150, 9.4050

Conversions

Conversions Part 2

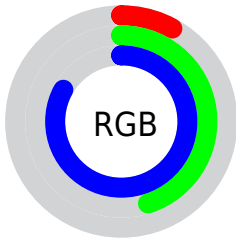
Format	Color
R_{YB}	21, 84, 211
Decimal	1406163
CIE _{Lab}	48.70, 9.89, -55.99
CIE _{LCh}	49, 56.857, 280.022
Yxy	17.3534, 0.1837, 0.1741
Android (android.graphics.Color)	4279596243 (0xFF1574D3)
YUV	98.4250, 55.4995, -67.9017
Hunter-Lab	41.6574, 5.5677, -61.9471

Details

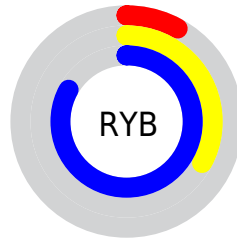
The XYZ color **18.3125, 17.3534, 64.0124** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **33.2482, 26.4000, 4.0541**, and the grayscale version is **11.5990, 12.2030, 13.2891**.

A 20% lighter version of the original color is **37.6944, 37.8607, 99.9289**, and **8.1289, 6.6565, 32.3089** is the 20% darker color. If you saturate the color by 10%, you get **16.8592, 14.9057, 63.6170**, and if you desaturate by 10%, it is **20.2497, 20.2615, 64.4720**.

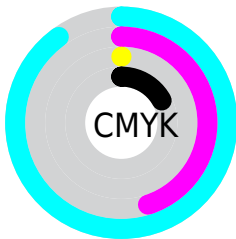
Distribution



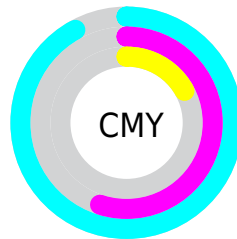
- Red (8%)
- Green (45%)
- Blue (83%)



- Red (8%)
- Yellow (33%)
- Blue (83%)



- Cyan (90%)
- Magenta (45%)
- Yellow (0%)
- Black (17%)



- Cyan (92%)
- Magenta (55%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3125, 17.3534, 64.0124 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 18.3125, 17.3534, 64.0124 by changing the saturation by 10% instead.

■ 18.3125, 17.3534,
64.0124

■ 18.3125, 17.3534,
64.0124

235.6383,
237.2008, 457.4431

■ 11.2756, 10.4868,
46.2145

■ 40.0950, 38.9324,
112.2284

■ 6.3212, 5.7229,
32.0652

■ 55.5714, 54.4136,
143.4836

■ 3.0839, 2.6773,
21.1461

■ 74.5916, 73.5350,
180.0616

■ 1.1983, 0.9657,
13.0385

■ 97.5211, 96.6812,
222.3810

■ 0.1050, 0.0000,
7.3241

■ 124.7251,
124.2365, 270.8603

■ 0.0000, 0.0000,
3.5841

156.5691,

■ 0.0000, 0.0000,

156.5852, 325.9181

1.4001

193.4183,
194.1119, 387.9728

■ 0.0000, 0.0000,
0.1418

■ 0.0000, 0.0000,
0.0000

■ 18.3125, 17.3534,
64.0124

■ 18.3125, 17.3534,
64.0124

■ 16.8592, 14.9057,
63.6170

■ 20.2497, 20.2615,
64.4720

■ 22.7828, 23.6883,
65.0000

■ 25.9793, 27.6749,
65.6010

■ 29.8960, 32.2566,
66.2789

■ 34.5830, 37.4649,
67.0372

■ 40.0855, 43.3287,
67.8790

■ 46.4449, 49.8747,
68.8073

■ 53.6999, 57.1279,
69.8249

■ 61.8863, 65.1118,
70.9345

Harmonies

Analogous

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



13.2818, 17.3534, 61.1298



18.3125, 17.3534, 64.0124



23.8689, 17.3534, 50.7779

Triad

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



18.3125, 17.3534, 64.0124



25.4879, 17.3534, 5.7400



8.7136, 17.3534, 10.6433

Complementary

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



18.3125, 17.3534, 64.0124



33.2482, 26.4000, 4.0541

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.



10.8199, 17.3534, 4.2824



18.3125, 17.3534, 64.0124



20.1861, 17.3534, 2.6721

Square

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



18.3125, 17.3534, 64.0124



28.5555, 17.3534, 14.2998



14.7998, 17.3534, 2.3351



8.4209, 17.3534, 24.3819

Rectangle

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



18.3125, 17.3534, 64.0124



26.8661, 17.3534, 37.3188



14.7998, 17.3534, 2.3351



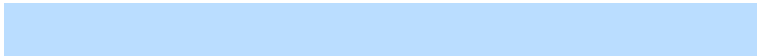
9.2079, 17.3534, 7.8235

Sweetspot

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



18.3133, 17.3539, 64.0129



64.0793, 69.1643, 104.5804



26.7574, 48.0098, 24.3837



13.0338, 14.0929, 22.2832



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.



18.3133, 17.3539, 64.0129



25.7019, 22.5238, 97.6006



12.3364, 5.4002, 62.0206



11.6450, 12.3802, 15.0195



10.2770, 9.2006, 38.4267



0.6540, 0.6731, 2.1750

Inverse Universe

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



30.2852, 15.6473, 17.9473



45.1023, 22.8049, 22.2688



50.2942, 60.4921, 9.7361



12.0517, 11.9054, 13.5480



17.8181, 9.0001, 9.2141



1.0363, 0.5192, 0.7261

Previews

White Background



This preview shows how the XYZ color 18.3125, 17.3534, 64.0124 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 18.3125, 17.3534, 64.0124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

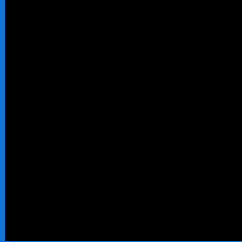
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.3125, 17.3534, 64.0124

Background



This preview shows how black text looks on a background with the XYZ color 18.3125, 17.3534, 64.0124.



This preview shows how white text looks on a background with the XYZ color 18.3125, 17.3534,

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

18.3125, 17.3534, 64.0124

Protanopia

19.5109, 17.3585, 61.3537

Deuteranopia

17.6238, 17.2276, 61.4279



Tritanopia

12.2345, 17.2445, 26.3506

Trichromacy



Original Color

18.3125, 17.3534, 64.0124

Protanomaly

18.7065, 17.0944, 61.9881

Deuteranomaly

17.8466, 17.3283, 62.0786

Tritanomaly

14.0086, 17.1473, 37.6934

Monochromacy



Original Color

18.3125, 17.3534, 64.0124

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.2376, 13.2693, 26.3423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3125, 17.3534, 64.0124 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(21, 116, 211)` looks like.

```
.text, #text, p{  
    color:rgb(21, 116, 211)  
}
```

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(21, 116, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 116, 211) }
```

Border

The CSS property to change the border of an element to XYZ 18.3125, 17.3534, 64.0124 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(21, 116, 211) }
```


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

```
.border{ border-color:rgb(21, 116, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 116, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 116, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 116, 211);  
box-shadow:4px 4px 4px 4px rgb(21, 116,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3125, 17.3534, 64.0124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 116, 211) }
```

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

```
.background{ background-color: rgb(21, 116,  
211) }
```

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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