

Converting Colors

XYZ(24.1935, 20.2107, 5.6435)

Have a look what the booklet for
XYZ(24.1935, 20.2107, 5.6435)
contains.

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Color

**XYZ(24.1935, 20.2107,
5.6435)**

Conversions

Conversions Part 1

Format	Color
Hex	B26B32
RGB	178, 107, 50
RGB Percent	70%, 42%, 20%
CMY	0.3020, 0.5804, 0.8039
CMYK	0.00, 0.40, 0.72, 0.30
HSL	27°, 56%, 45%
HSV	27°, 72%, 70%
XYZ	24.1935, 20.2107, 5.6435
YIQ	121.7310, 60.6130, -2.6750

Conversions

Conversions Part 2

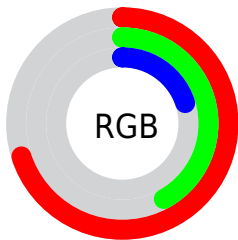
Format	Color
R_{YB}	178, 153, 50
Decimal	11692850
CIE Lab	52.07, 23.45, 42.80
CIE LCh	52, 48.805, 61.281
Yxy	20.2107, 0.4834, 0.4038
Android (android.graphics.Color)	4289882930 (0xFFB26B32)
YUV	121.7310, -35.3634, 49.3479
Hunter-Lab	44.9563, 17.3873, 24.0266

Details

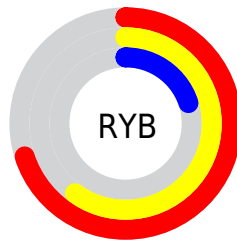
The XYZ color **24.1935, 20.2107, 5.6435** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **16.1881, 17.5660, 44.6565**, and the grayscale version is **18.5093, 19.4732, 21.2063**.

A 20% lighter version of the original color is **49.9102, 43.8743, 17.6424**, and **9.3097, 7.1210, 0.8838** is the 20% darker color. If you saturate the color by 10%, you get **22.9104, 18.1442, 3.6756**, and if you desaturate by 10%, it is **25.7444, 22.5741, 8.4375**.

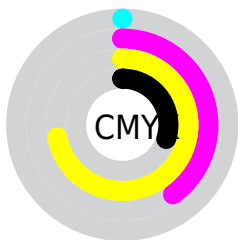
Distribution



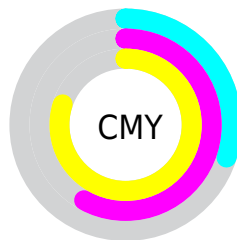
- Red (70%)
- Green (42%)
- Blue (20%)



- Red (70%)
- Yellow (60%)
- Blue (20%)



- Cyan (0%)
- Magenta (40%)
- Yellow (72%)
- Black (30%)





- Cyan (30%)
- Magenta (58%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1935, 20.2107, 5.6435 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 24.1935, 20.2107, 5.6435 by changing the saturation by 10% instead.


 24.1935, 20.2107,
5.6435


 24.1935, 20.2107,
5.6435


266.2196,
253.0535, 165.0400


 15.6027, 12.5483,
2.5643


 49.7982, 43.7702,
17.6510


 9.3325, 7.1182,
0.8739


 67.5428, 60.4360,
27.4165


 5.0176, 3.5362,
0.0000

 89.0694, 80.8718,
40.2477

 2.2924, 1.4176,
0.0000

 114.7433,
105.4619, 56.5633

 0.7908, 0.2297,
0.0000

 144.9299,
134.5907, 76.7817

 0.0000, 0.0000,
0.0000

 179.9946,

168.6427, 101.3217

220.3028,
208.0021, 130.6015

■ 24.1935, 20.2107,
5.6435

■ 24.1935, 20.2107,
5.6435

■ 22.9104, 18.1442,
3.6756

■ 25.7444, 22.5741,
8.4375

■ 21.8713, 16.3563,
2.4342

■ 27.5809, 25.2449,
12.1392

■ 21.1756, 15.0962,
1.7978

■ 29.7206, 28.2367,
16.8216

■ 32.1790, 31.5614,
22.5498

■ 34.9707, 35.2300,
29.3834

■ 38.1090, 39.2528,
37.3773

■ 41.6064, 43.6399,
46.5827

■ 45.4750, 48.4008,
57.0479

■ 49.7261, 53.5447,
68.8183

Harmonies

Analogous

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



28.6212, 20.2107, 10.6083



24.1935, 20.2107, 5.6435



18.9962, 20.2107, 4.3895

Triad

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



24.1935, 20.2107, 5.6435



11.1320, 20.2107, 22.6253



24.6288, 20.2107, 54.7920

Complementary

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



24.1935, 20.2107, 5.6435



16.1881, 17.5660, 44.6565

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.



19.4247, 20.2107, 62.4407



24.1935, 20.2107, 5.6435



12.1271, 20.2107, 39.5586

Square

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



24.1935, 20.2107, 5.6435



11.9701, 20.2107, 11.2752



14.9621, 20.2107, 55.9268



28.9016, 20.2107, 38.0082

Rectangle

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



24.1935, 20.2107, 5.6435



15.9366, 20.2107, 5.0575



14.9621, 20.2107, 55.9268



22.9027, 20.2107, 58.7770

Sweetspot

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



24.1940, 20.2117, 5.6439



63.1652, 63.5600, 52.6547



23.0466, 13.1646, 19.9125



13.6828, 13.6759, 10.8930



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



24.1940, 20.2117, 5.6439



40.4439, 31.0342, 5.2600



33.2105, 38.2449, 8.6494



8.7975, 9.1075, 8.9468



15.2124, 10.9234, 1.3066



0.5371, 0.4607, 0.0606

Inverse Universe

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



16.1881, 17.5660, 44.6565



25.0321, 25.8412, 80.0497



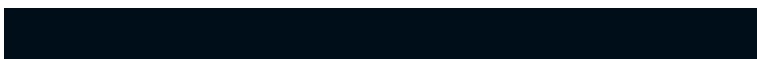
10.8914, 6.9728, 42.8909



8.4197, 8.9856, 10.7969



8.9873, 8.7751, 31.3571



0.3399, 0.3903, 1.0057

Previews

White Background



This preview shows how the XYZ color 24.1935, 20.2107, 5.6435 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 24.1935, 20.2107, 5.6435 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 24.1935, 20.2107, 5.6435

Background



This preview shows how black text looks on a background with the XYZ color 24.1935, 20.2107, 5.6435.



This preview shows how white text looks on a background with the XYZ color 24.1935, 20.2107,

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

24.1935, 20.2107, 5.6435

Protanopia

18.5044, 20.3463, 6.5664

Deuteranopia

20.5091, 20.1307, 5.4940



Tritanopia

26.4165, 20.2138, 16.6967

Trichromacy



Original Color

24.1935, 20.2107, 5.6435

Protanomaly

20.2579, 19.9862, 6.1582

Deuteranomaly

21.6551, 20.0346, 5.5220

Tritanomaly

25.3929, 20.0919, 11.5566

Monochromacy



Original Color

24.1935, 20.2107, 5.6435

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.6279, 19.3179, 13.7606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1935, 20.2107, 5.6435 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(178, 107, 50)` looks like.

```
.text, #text, p{  
    color:rgb(178, 107, 50)  
}
```

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(178, 107, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 107, 50) }
```

Border

The CSS property to change the border of an element to XYZ 24.1935, 20.2107, 5.6435 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(178, 107, 50) }
```


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

```
.border{ border-color:rgb(178, 107, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 107, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 107, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 107, 50);  
box-shadow:4px 4px 4px 4px rgb(178, 107,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1935, 20.2107, 5.6435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 107, 50) }
```

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

```
.background{ background-color: rgb(178,  
107, 50) }
```

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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